

SWEET CORN

PUMPKINS

PEPPERS

WATERMELONS

SQUASH

BEANS

TOMATOES

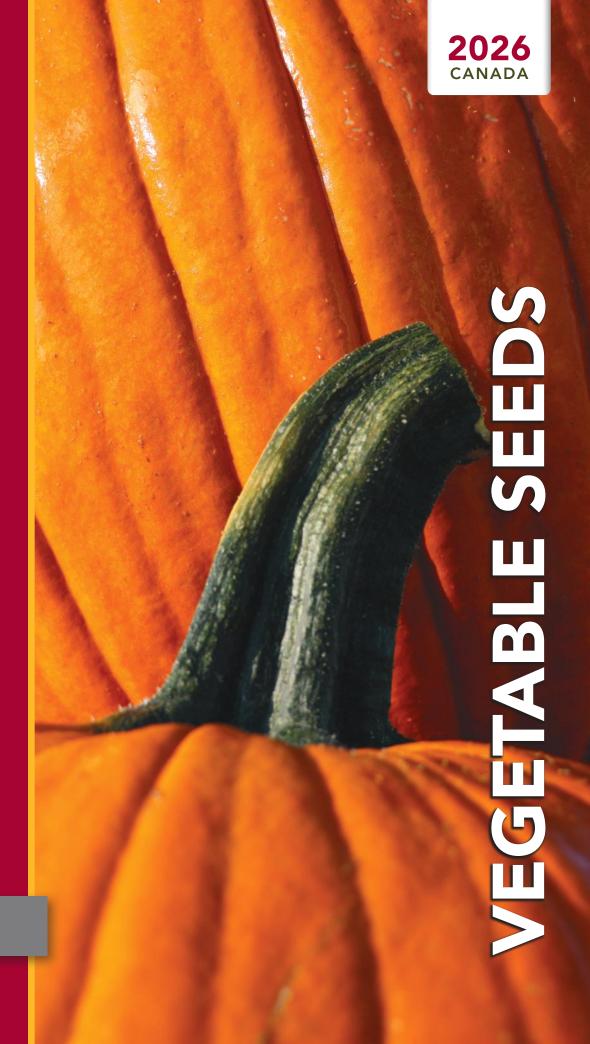
MELONS

CUCUMBERS

FLOWERS

And More Inside!

Catalog & Resource Guide



NEW PRODUCTS FOR 2026



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Dear Grower,

As I write this, I've been thinking about our customers, their nature and motivations, their steadfastness and persistence each season, their hard work, and their desire to do their best.

I found myself searching for the right words – until Paul Harvey's "So God Made a Farmer" came to mind, which to my recollection, I felt captured the essence of our customers. If you haven't heard it recently, follow the QR code below for a replay.

I've now listened to it again, several times, and I want to thank you for helping to feed the world.

I'm pleased to share that we've been fortunate to make several quality additions to our outside sales team for this coming season.

Stuart Cullen will be representing us in Canada, filling the position held by George Wonnacott before his passing. Stuart has diverse experience in agriculture, from vegetable seeds to crop protection and even working alongside George in vegetable seed sales earlier in their careers. Stuart has held sales and territory management positions in his 25+ years in agriculture. Most recently, he's consulted with several companies to help them establish distribution channels for bio nutrient and bio stimulant products.

Drey Clark will be serving growers in eastern Michigan and Ohio. We've had the opportunity to work with Drey for several years now, as he has been our sales and product rep from Syngenta. Prior to Syngenta, Drey worked in a pest management research role at NC State. Drey holds degrees in crop and soil science and horticulture, in addition to his 10+ years' experience in vegetables and crop management.

Our recent additions to the sales team have made our team even stronger! You'll see.

Once again, as you can see to the left, we have several new products you'll want to consider for the 2026 growing season.

And note that our payment discounts and post-harvest financing options are still available to help you maximize your bottom line and optimize your cash flow.

Thank you for your business and the trust you place in us.

Sincerely,

Philip Rupp

President





Follow this QR code for Paul Harvey's "So God Made a Farmer"

REGIONAL CONSULTANTS



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Phil Ramsey E Kentucky, North Carolina, SE Ohio, E Tennessee, Virginia, West Virginia 540-250-2023 philwr@ruppseeds.com

Outside of a consultant's territority?
Contact our office (800-700-1199) and a representative will be happy to help you.

5 WAYS to ORDER*

* Use only a **single method** to order. (Example: If mailing order, don't place order online.)

PHONE

1-800-700-1199 (M-F 8:00 am - 5:00 pm EST)

ONLINE

www.ruppseeds.com

Our website will initially display pricing for U.S. customers. In order to view Canadian pricing (in U.S. Funds), please log in to the website or reference this catalog.

FAX 419-337-5491

MAIL

Rupp Seeds 17919 County Road B Wauseon, OH 43567 (envelope provided in the back of the catalog)

EMAIL orders@ruppseeds.com

Additional ordering information can be found on page 132.

CASH PAYMENT DISCOUNTS

Cash discounts for orders over \$350.00.
Prepayment discount through April.
See page 130 for details.

FREE SHIPPING

If your order is over \$350 then you qualify for FREE shipping!

INSIDE SALES



Kristen: x7098



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Maryn: x9013



Nicole: x9002



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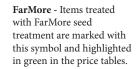
ICON KEY

Cruiser - Items treated with Cruiser seed treatment are marked with this symbol and highlighted in purple in the price tables.



Documents Required

- This color coded icon marks varieties that need signed documents / waivers in order for the product to be shipped. A page number and color will direct you to the document in the back of the book.

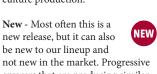


Game Changers - An item marked as a Game Changer is one that is gaining some traction with growers either through early release trialing or as a result of giving a new product a try. These products have the potential to become tomorrow's All Stars and bring something special to the table. These are "must try" products in this crop type.



- Items marked with this symbol are "All Stars". They have been and will continue to perform consistently well for many growers across a wide geography. Growers really can't go wrong by planting these selections.

High Tunnel - Items marked with this symbol are recommended for high tunnel and protective culture production.



be new to our lineup and not new in the market. Progressive growers that are producing similar varieties in this product category should consider giving this product a

try to see if it works for them.

Rupp Logo - Our logo marks those varieties that have come from our research and development group as well as products for which we have exclusive marketing rights.

Sort Order - This symbol marks the column used to sort the information presented in each product description table. Usually alphabetical by item name or sorted by days maturity.

Vendor / Brand logos contained within are properties of their respective trademark holders.

GLOSSARY

AAS - All America Selection winner.

Anthocyaninless - Recessive gene that blocks the expression of purple pigment.

Bitterfree - (cucumbers) The plant and fruit lack cucurbitacins, a chemical, which gives a bitter taste.

Bolting - When plant begins to produce flowers and set seed.

Concentrated Ripening/Set - (tomatoes) When 80-90% of the fruit ripen within a short period of time.

Confectionery - (sunflowers) Used for human consumption.

Days from transplant - This refers to maturity from when transplants are planted outside in the field. Time from seeding to transplant will need to be added to calculate overall maturity.

Determinate - Plant habit where vine will cease to grow once it reaches a particular size.

Dwarf Indeterminate - (tomatoes) Plant habit where vine central stem continues to grow in length, but lateral branches do not.

Expansion Rate - Under ideal conditions, the number of cups of popped corn for every cup of unpopped corn.

F1 - see Hybrid

F300 - FarMore® F300, an advanced fungicide seed treatment technology, delivers protection for a variety of small-seeded vegetable crops against a broad spectrum of seed and seedling diseases.

FI400 - FarMore® FI400 provides early-season protection to prevent or eliminate damage caused by cucumber beetles.

Green Shoulder (GS) - (tomatoes) The dark green shoulder on unripe fruit, often the last area of the fruit to

Gynoecious - (cucumbers) Plant with only female flowers.

Heritage Varieties - Varieties marked heritage varieties are long standing products that have been used for generations. Mainly open pollinated (OP) varieties.

Heterosis - The improved or increased function of characteristics in a hybrid offspring. A hybrid exhibits heterosis when its traits demonstrate significant enhancement over those of its parent varieties.

Heterozygous - When the parents in a sweet corn hybrid are of different types, i.e. SU x SE, the hybrid is heterozygous. Heterozygous hybrids have better vigor in cooler soils.

Holding Ability - The period of time a fruit will maintain marketability once it has reached maturity.

Homozygous - When both parents in a sweet corn hybrid are of the same type, i.e. SE x SE, they are considered homozygous. Homozygous hybrids typically have higher sugar content.

Hybrid (F1) - Hybrid seed is produced from the cross between two genetically pure varieties, typically from the same species. Hybrids are common in agriculture, especially for crops that benefit from heterosis, such as corn and rice. Hybrids are created as a means to combine the positive and valuable characteristics of the parent varieties into a new hybrid variety. Seed production of a hybrid occurs by controlling the pollination between its parents, such as hand pollination in cucurbits or de-tasseling in corn.

Indeterminate - Plant habit where vine continues to grow.

M - Is a unit of measure that equals 1,000. Seed sold by seed count is priced in multiples of 1,000. For example 5M, 10M, 25M which stands for 5,000 seeds, 10,000 seeds and 25,000 seeds.

Monoecious - (cucumbers) Plant with both distinct male and female flowers.

Naked Seeded - No hull on the seed. Easier to eat than normal hulled seeds.

Open Pollination - Open pollination is pollination by insects, birds, wind, or other natural mechanisms. Seeds of open-pollinated plants will produce new generations of those plants; however, because the pollination is uncontrolled and the pollen source is unknown, open pollination may result in plants that vary widely in genetic traits.

Open Pollinated (OP) - A variety is said to be open pollinated when it is a non-hybrid variety, meaning that seed is produced via self-reproduction. Seed production of an open pollinated variety occurs using the plants natural pollination mechanism but in a controlled environment to prohibit the introduction of outside, unrelated pollen sources. These controls insure

that the open pollinated variety stays genetically pure and true to type.

Parthenocarpic - (cucumbers) Plants that set fruit without pollination.

Pelleted - Seed coating that improves the shape, size, and uniformity of raw seeds for more accurate sowing by hand and precision-sowing by machine. Pellets are made of inert materials which dissolve as they absorb moisture, allowing immediate access to oxygen for fast, uniform seedling emergence.

Pendant - Refers to how the pepper hangs on the plant.

Pithy - Fibrous, course texture.

Pungent - Refers to heat level of hot peppers; pungent = hot.

PVP - Plant Variety Protection. Seed may not be reproduced for sale without permission of the originator.

Sieve - Diameter of green bean pod.

Slip - This is a small crack that forms around the stem of melons. It is generally used as a harvest indicator. See the "Melon" section for a complete definition.

Transgenic - Genetically modified.

Uniform Ripening (UG) - Has the gene for uniform ripening of the fruit. Fruit are typically lighter green prior to ripening.

Icons / Glossary © Copyright 2025 | Rupp Seeds Inc.

FREQUENTLY ASKED QUESTIONS

Do you offer any discounts that I would be eligible for?

Yes, we offer cash discounts on all seed orders over \$350.00. The cash discount is for orders paid for via check. You may prepay your seed order at anytime and we will add that month's discount to your credit on account. The August discount is 10% and goes down a percentage each month through April. See page 130 for more details.

You offer more high quality varieties than most seed dealers. How do you decide which varieties to offer?

This edition of our catalog features over 1,000 varieties in over 43 vegetable crops. We consider most of these varieties as suitable for professional and commercial growers, while a few others are included because they're popular heritage varieties.

Deciding which varieties to offer is a challenging question and there are a number of factors that are considered, including:

- What market is a variety best suited for? For the shipper or fresh market? Or wholesale or retail trade?
- Does a new variety bring a game changing improvement over current varieties? Is it higher yielding? Does it produce more desirable, consistent or marketable fruit? Does produce from the variety offer any improvements in food quality or nutrition?
- Does the variety offer the grower any benefits in managing crop issues, weeds, insects or disease?

Many of these questions are answered in the product development trials we conduct every year on our farm. Our personal experience is important and our observations at the numerous vendor trials we visit also are a factor.

The reliability of the seed supplier is also important. Do they consistently have seed supply available? And is it high quality?

I am preparing for a food safety audit. Can you help? Is Rupp Seeds GAP certified?

Yes, Rupp Seeds is GAP certified. A copy of the certificate can be found on page 127.

In recent years there have been several occurrences of food borne illness. These situations have prompted both the government and industry to respond to insure a safe food supply. Development of Good Agricultural Practices (GAP) and Good Handling Practices (GHP) for the produce industry help minimize these outbreaks, and voluntary audits help to insure the practices are defined and in use.

The U.S. Food and Drug Administration's "Guide to Minimize Microbial Food Safety Hazards for Fresh Fruits and Vegetables" doesn't have specific guidance for seed companies. Even so, we recognize that many of our customers need our assurance that seeds are handled appropriately to minimize contamination.

We've consulted with food safety experts to understand what we can do to assist our customers with their audit preparations. They've recommended that we provide a Letter of Guarantee that briefly describes our practices and they've assured us this letter is acceptable in any food safety audit. We've included the letter in this catalog for your convenience. See page 150 for a copy.

Are all of your seeds treated?

Most of our seed is treated. We do have some varieties available untreated. These items are marked as untreated in the pricing tables. See the pricing table example below. Walker Deluxe is available untreated and has a 'U' at the end of the item number and the item number is red instead of black. When ordering, please put a "U" behind the item number to signify you are ordering untreated seeds. In addition, it's helpful to put "Untreated Seeds Only" on the top of your order form.

What are GMOs? What does GMO stand for? And why do they exist?

A GMO, or Genetically Modified Organism, is a plant or variety that was developed to include a desired gene or selection of genes from another plant or organism.

GMOs were developed to enable a plant with a builtin ability to resist herbicides, insects and diseases, helping farmers produce more while reducing their use of chemicals. Recent developments in science are also improving the plants water and nitrogen utilization, which enable it to produce a crop even when these nutrients are in short supply.

My customers occasionally ask me if I raise and sell GMO vegetables. Can you tell me which products in your catalog are GMO?

GMO varieties of corn, soybeans and cotton have been widely accepted by farmers in the US and internationally. GMO developments in vegetable crops, on the other hand, have been pretty limited, in large part due to the high cost of research and development for crops that aren't widely grown. Currently, the only GMO vegetables available in our catalog are sweet corn and summer squash.

Of the more than 100 varieties of sweet corn roughly 20% are GMO. These include the Performance Series, Attribute, Attribute Plus, and Attribute II varieties listed on pages 32-35.

And of the nearly 30 varieties of summer squash, only one is GMO: XPT 1832 III, on page 116.

Is there more information about GMOs that I can provide my customers if they are interested in learning more?

GMOAnswers.com is an excellent resource for anyone interested in learning more about GMOs. Visitors can ask questions and get answers from experts across a wide range of disciplines who will provide balanced, fact-based responses. These experts include conventional and organic farmers, agribusiness experts, scientists, academics, medical doctors and nutritionists from a wide range of studies.

 $\label{pricing table example. "U" indicates untreated seed.}$

| KALE | | | M=1,0 | 000 seeds |
|--|-------|-------|-------|-----------|
| Price per 1,000 seeds (M) | 1M | 5M | 25M | 100M |
| 28005 Black Magic | 4.10 | 3.05 | 2.30 | 1.80 |
| 28504 Blue Ridge | 11.50 | 10.45 | 9.70 | 9.20 |
| Priced per package | 4 oz. | | | |
| Priced per pound in these package sizes | | 1# | 5# | 25# |
| 28004U Red Russian Untreated | 10.95 | 24.45 | 23.95 | 23.70 |

ASPARAGUS



























| ASPAR | AGUS | |
|--------|------------------|---|
| ltem # | ▼ Variety | Features |
| | | Tight headed spears with slightly purple bracts. Impressive yields. High disease tolerance. Used for fresh market and |
| 13007 | Walker Deluxe F1 | processing. |



M=1,000 seeds

| Priced per package | 100 Seeds | 500 Seeds | | | |
|--------------------------------|--------------|--------------|--------|-------|-------|
| Price per 1,000 seeds (M) | | | 1M | 5M | 15M |
| 13007U Walker Deluxe untreated | 14.40 | 59.95 | 104.20 | 90.60 | 78.75 |

BEANS

RUPP USE GUIDELINES

Home Garden/Farm Market varieties are considered to be high quality (gourmet). They are low in fiber and more tender. As with most home garden varieties, pods set over a longer period for extended harvest.

Shipping varieties contain fiber that slows wrinkling under long distance shipping or longer time between picking and use. They are normally less tender and have a more concentrated pod set for mechanical harvest.

PLANTING

Plant green beans in soil temperatures of 65 degrees or greater. Planting depth should be $\frac{1}{2}$ " to 1". Row spacing should be 30" for handpicking. There should be approximately 2" between plants. Some commercial growers are using 15" rows for late planted green beans that are going to be mechanically harvested.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Weed pressure and insect pressure are the hardest things to control in green beans. If conditions are wet, diseases are more prevalent.

Harvest green beans when 50% of the beans are 3 - 4 sieve.

STORAGE

Store beans at 40 - 45°F and 95% humidity.

DISEASE CODES

A - Anthracnose

Ae - Aphanomyces Root Rot

BBS - Bacterial Brown Spot

BV - Common Bean Mosaic Virus

CTV - Curly Top Virus

HB - Halo Blight

N# - Bean Mosaic Virus race

NLB - Northern Leaf Blight

PM - Powdery Mildew

WM - White Mold

COLOR CODES

BY - Bright Yellow

DG - Dark Green

DY - Dark Yellow

GR - Green Red

LG - Light Green

MDG - Medium Dark Green

MG - Medium Green

MLG - Medium Light Green

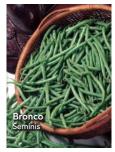
P - Purple

VDG - Very Dark Green

Y - Yellow

SYBARIS pg. 7



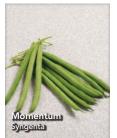


















| BEAN! | 5 | BUS | BUSH GREEN Fresh Market | | | | | | | | |
|--------|------------------|------|-------------------------|--------------|---------------|-------|------------------------------|---|--|--|--|
| Item # | ▼ Variety | Days | Pod Length | Pod Color | Seed Color | Use | Disease | Features | | | |
| 07147 | ва0999 🕏 | 50 | 5 ½" | DG | White | FM, S | BBS, N | Early bean has a pod that develops very quickly at maturity. Sieve size distribution is 65% in the 3-4 range and 35% in the 5's. Works well as a rain gap filler. | | | |
| 07043 | Bronco 🔷 | 58 | 5 ½" | DG | White | FM, S | BV ¹ | High yielding. For market or shipping. | | | |
| 07120 | Dark Horse 🕏 | 58 | 5 1/4" | DG | White | FM, S | BV, A, HB, R | Dark Horse is a high quality bean with dark green, straight pods and good upright plant habit. Expect a 3-4 sieve bean with improved standability that produces high-quality pods. | | | |
| 07033 | Desperado 🕏 | 53 | 5 ½" | DG | Brown | FM, S | BV | Robust variety that produces high yields of high-quality straight pods, quick to mature. Well adapted for heat and stress tolerance with strong consumer appeal. | | | |
| 07155 | Jade II 敬 | 60 | 6 ½" | DG | White | FM, S | BV, CTV, R | Improvement to Jade - darker beans and better seed quality. Long, straight pods which grow in a less concentrated set. | | | |
| 07159 | Justify 🔕 | 57 | 5.6" | DG | White | FM, S | BV, CTV, A, R, HB, BBS | High quality, dual-purpose bean for fresh market and processing. Dark green pod and a robust disease package. The first of its kind with IR to root rot. | | | |
| 07005 | Momentum 🕏 | 56 | 5 ¾" | DG | White | FM, S | BV | An upright bush style variety. Produces a concentrated set of straight pods with outstanding yields and is widely adapted to most growing regions. | | | |
| 07024 | Outlaw 🔷 | 57 | 5 1/4" | DG | White | FM, S | BV | Extremely straight, glossy pods that resist breaking and bruising. Plant does not lodge. Versatile across all growing regions. Excellent seed quality and germination | | | |
| 07162 | PV857 🔌 | 53 | 5-6" | DG | White | FM, S | BBS, BV | Excellent heat set variety. | | | |
| 07148 | Sybaris 🔌 | 55 | 5 ½" | VDG | White | FM, S | BV, R | A great addition to either the fresh or processing markets, Sybaris is well adapted to machine harvest and picks easily with minimumal trash. Excellent pack-out across a wide range of locations and field conditions. | | | |

| BEA | ns bush gr | ket | | M=1, | 000 seeds | | |
|-------|------------------------------|------|------|------|-----------|-------|--------|
| | Price per 1,000 seeds (M) | 2M | 10M | 20M | 80M | 800M* | 2000M* |
| 07147 | BA0999 Cruiser | | 5.10 | 4.85 | 4.65 | 4.40 | 4.30 |
| 07043 | Bronco Cruiser | 5.50 | 4.50 | 4.25 | 4.05 | 3.80 | 3.70 |
| 07120 | Dark Horse Cruiser | 5.75 | 4.75 | 4.50 | 4.30 | 4.05 | 3.95 |
| 07033 | Desperado ^{Cruiser} | 5.90 | 4.90 | 4.65 | 4.45 | 4.20 | 4.10 |
| 07155 | Jade II ^{Cruiser} | | 4.65 | 4.40 | 4.20 | 3.95 | 3.85 |

| BEANS BUSH GR | BEANS BUSH GREEN Fresh Market M=1,000 seeds | | | | | | | | |
|------------------------------|---|------|------|--------|-------|--------|--|--|--|
| Price per 1,000 seeds (M) | 2M | 10M | 20M | 80M | 800M* | 2000M* | | | |
| 07159 Justify Cruiser | | 4.55 | 4.30 | 4.10 | 3.85 | 3.75 | | | |
| 07005 Momentum Cruiser | 5.90 | 4.90 | 4.65 | 4.45 | 4.20 | 4.10 | | | |
| 07024 Outlaw Cruiser | 5.70 | 4.70 | 4.45 | 4.25 | 4.00 | 3.90 | | | |
| 07162 PV857 | 5.70 | 4.70 | 4.45 | 4.25 | 4.00 | 3.90 | | | |
| 07148 Sybaris Cruiser | 5.90 | 4.90 | 4.65 | 4.45 | 4.20 | 4.10 | | | |
| * Multiple peelsegge pee | | | | . atat | | | | | |

^{*} Multiple packages may be used to fill orders for these quantities.

Icon Key for: **BEANS**

To order: 1-800-700-1199 | www.ruppseeds.com | orders@ruppseeds.com

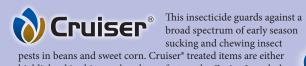












highlighted in this purple color or feature the Cruiser® symbol.



| | A | |
|--|---|--|
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| Royal Burgundy | Roma II |
|----------------|---------|

| BEANS | | BUSH GREEN Heritage - Home Garden | | | | | |
|--------|----------------|-----------------------------------|---------------|--------------|------------|---|--|
| Item # | ▼ Variety | Days | Pod Length | Pod Color | Seed Color | Disease | Features |
| 07135 | Jade | 60 | 6 - 7" | DG | White | BV, CTV, R | Large, upright plants keep beans clean and straight. Heat tolerant and high yielding even when stressed by heat or cold. |
| 07048 | Royal Burgundy | 55 | 5 - 6" | Р | Buff | *************************************** | Bush type with longer, straighter, smoother pods. |
| 07026 | Strike | 55 | 5" | MG | White | BV ¹ | A high yielding fresh market variety. |

| BEANS | | BUS | BUSH GREEN FLAT | | | | | | | |
|--------------|------------------|------|-----------------|----|---------------|--------|-----------------------------------|---|--|--|
| Item # | ▼ Variety | Days | Pod Length | | Seed Color | Use | Disease | Features | | |
| Fresh Market | | | | | | | | | | |
| 07017 | Roma II | 58 | 5 1/2" | MG | White | FM, HG | BV ¹ , N ¹⁵ | Good flavored Romano type for home or market. | | |

| BEANS | | DRY | DRY SHELLING | | | | | | | | | |
|--------|------------------|------|----------------------------|-----------|-----------------------------|---------|---|--|--|--|--|--|
| Item # | ▼ Variety | Days | Seed Color | Bean Type | Plant Type | Disease | Features | | | | | |
| 09032 | Cabernet | 91 | Dark red | Kidney | Determinate Bush | BV | Mid season Kidney Bean. High quality and yield, excellent dark red color. | | | | | |
| 09031 | Etna | 88 | Red flecks on off white | Cranberry | Determinate Bush | BV | An early season Cranberry Bean. Large seeded and high yield potential. | | | | | |
| 09033 | SV1893GH | 102 | White | Navy | Determinate Bush | BV | Main season, high yield, a high quality Navy bean. | | | | | |
| 09034 | SV6139GR | 90 | Brown flecks on buff | Pinto | Indeterminate Short Vine | BV | Early maturing Pinto bean. Short vine on an upright plant, great quality and color. | | | | | |

| BEANS | | FRE | FRENCH FILET | | | | | |
|-------|--------------------|------|---------------|----------|-----------|---------------|---------|---|
| Item# | ▼ Variety | Days | Pod Length | Diameter | Pod Color | Seed Color | Disease | Features |
| 08018 | Borsalino Baby Wax | 60 | 4" | 1/4" | Υ | White | A, BV | High quality baby wax bean with a deep gold color and a concentrated set for both hand or mechanical harvest. Sieve size $2 \& 3$. |

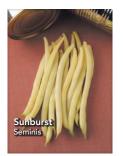
| BEA | ins bush gree | EN Her | | | | | |
|--------|--|--------|------|------|------|-------|--------|
| | Priced per pound in these package sizes | 1# | 5# | 25# | 50# | 500#* | 1250#* |
| 07048U | Royal Burgundy Untreated | 6.60 | 5.60 | 5.35 | 5.20 | 5.05 | 4.95 |
| 07026U | Strike Untreated | 6.40 | 5.40 | 5.15 | 5.00 | 4.85 | 4.75 |
| | Price per 1,000 seeds (M) | 2M | 10M | 20M | 80M | 800M* | 2000M* |
| 07135 | Jade | 5.95 | 4.95 | 4.70 | 4.50 | 4.25 | 4.15 |

| BEANS DRY SHELLIN | IG | | | M=1, | 000 seeds |
|--------------------------------------|-------|-------|------|------|-----------|
| Price per 1,000 seeds (M) | 2M | 10M | 20M | 40M | 400M* |
| 09032U Cabernet Red Kidney Untreated | 5.60 | 4.60 | 4.35 | 4.15 | 3.90 |
| 09031U Etna Cranberry Untreated | 11.20 | 10.20 | 9.95 | 9.75 | 9.50 |
| 09033U SV1893GH Navy Untreated | 5.00 | 4.00 | 3.75 | 3.55 | 3.30 |
| 09034U SV6139GRPinto Untreated | 5.25 | 4.25 | 4.00 | 3.80 | 3.55 |

| BEANS BUSH GREEN FLAT | | | | | | | |
|--|------|------|------|------|-------|--------|--|
| Priced per pound in these package sizes | 1# | 5# | 25# | 50# | 500#* | 1250#* | |
| 07017U Roma II Untreated | 6.30 | 5.30 | 5.05 | 4.90 | 4.75 | 4.65 | |

| BEANS FRENCH FILET | | | | M=1 | ,000 seeds |
|---------------------------|------|------|------|------|------------|
| Price per 1,000 seeds (M) | 2M | 10M | 20M | 100M | 1000M* |
| 08018 Borsalino | 6.45 | 5.70 | 5.45 | 5.20 | 5.10 |









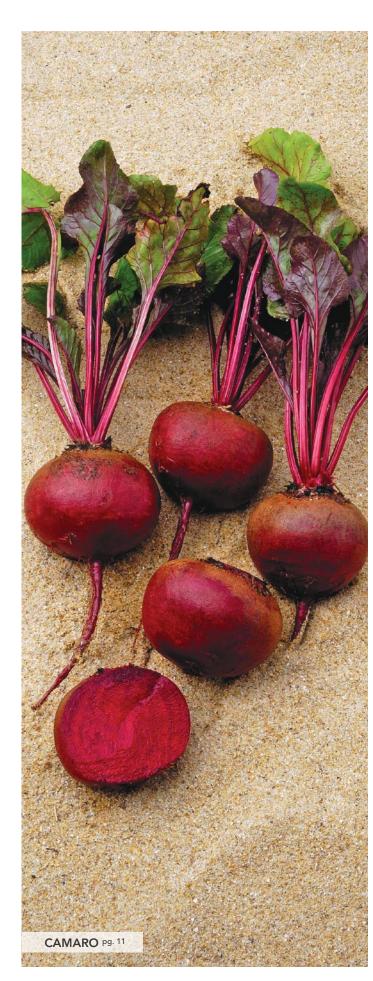
| BEANS | | GRI | GREEN RUNNER | | | | | | | |
|-------|-----------------------|------|---------------|--------------|--------------|---------------|---------|--|--|--|
| Item# | ▼ Variety | Days | Pod Length | Pod Shape | Pod Color | Seed Color | Disease | Features | | |
| 07118 | Volunteer Half Runner | 60 | 6" | Oval | LG | White | BV, R | A strain of Half Runner developed by the USDA breeder, Dr. Mullins, at the University of Tennessee. The commercial favorite. | | |

| BEANS | YEL | YELLOW WAX | | | | | | | | |
|--------------------|---------------|------------|---------------|--------------|--------------|---------------|----------|--|--|--|
| Item# Fresh Mar | ▼ Variety | Days | Pod Length | Pod Shape | Pod Color | Seed Color | Disease | Features | | |
| 07157 | Dawson Gold 🕏 | 55 | 5" | Round | Υ | White | BV, R, A | LIMITED SUPPLY This is a larger sieve wax bean that has yellow pods and a robust yield. | | |
| 08019 | Sunburst 🔷 | 50 | 6" | Round | BY | White | BV, HB | A variety for local markets or shipping. Long straight pods that are an attractive bright yellow. Concentrated set. | | |
| 08005 | SV1003GF 🔊 | 56 | 5 1/4" | Round | Υ | White | BBS, BV | Medium plant type that produces straight, high quality pods. Has intermediate resistance to bacterial brown spot. Provides processors a solid option for their cut bean and fancy packs. | | |

| BEANS GREEN RUNNE | R | | | | |
|--|------|------|------|------|-------|
| Priced per pound in these package sizes | 1# | 5# | 25# | 50# | 500#* |
| 07118 Volunteer Half Runner | 6.85 | 5.85 | 5.55 | 5.35 | 5.25 |

| BEANS YELLOW W | AX | | | | M=1, | 000 seeds | | |
|-------------------------------|--|------|------|------|-------|-----------|--|--|
| Price per 1,000 seeds (M) | 2M | 10M | 20M | 80M | 800M* | 2000M* | | |
| Dawson Gold Cruiser | | | | | | | | |
| 07157 Limited Supply | 6.20 | 5.20 | 4.95 | 4.75 | 4.50 | 4.40 | | |
| 08019 Sunburst Cruiser | 6.20 | 5.20 | 4.95 | 4.75 | 4.50 | 4.40 | | |
| 08005 SV1003GF Cruiser | 6.10 | 5.10 | 4.85 | 4.65 | 4.40 | 4.30 | | |
| * Multiple packages may be | * Multiple packages may be used to fill orders for these quantities. | | | | | | | |

3 6 inch Lay Bean Pod Here to Measure Length 30 70 80 10 20 40 50 60 90 100 110 120 130 140 150 mm **BEAN GAUGE** 2sv 3sv 5sv 1sv 4sv Place Over Bean Pod to Determine Sieve Size



BEETS

PLANTING

Plant seed 1" apart and thin to 2" apart. Row spacing ranges from 15" - 24". Seed depth should be ¼" - ½" deep. Poor stands are often the result of planting too deeply or the soil's crusting after a heavy rain. The seedlings may emerge over a relatively long period of time, making a stand of different sizes and ages of seedlings.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

It is extremely important to thin beets because they are a multigerm seed meaning each seed will produce several plants. Beets that are thinned when they reach approximately 3" tall can be used as greens. Frequent and shallow cultivation is important to keep the soil loose around the growing beet to ensure uniform roots.

HARVEST

Beets can be harvested whenever they grow to the desired size. About 60 days are required for beets to reach 1½" in diameter, the size often used for cooking, pickling or canning.

STORAGE

Beets may be stored in a polyethylene bag in a refrigerator for several weeks. Cut off the tops of the beets one inch above the roots. Beets store the best at 32°F and 95% humidity. Do not freeze.

Icon Key for: **BEETS**



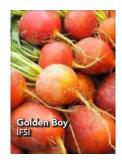
High Tunnel

Variety is recommended for high tunnel or protected production.



FarMore Treatment F300









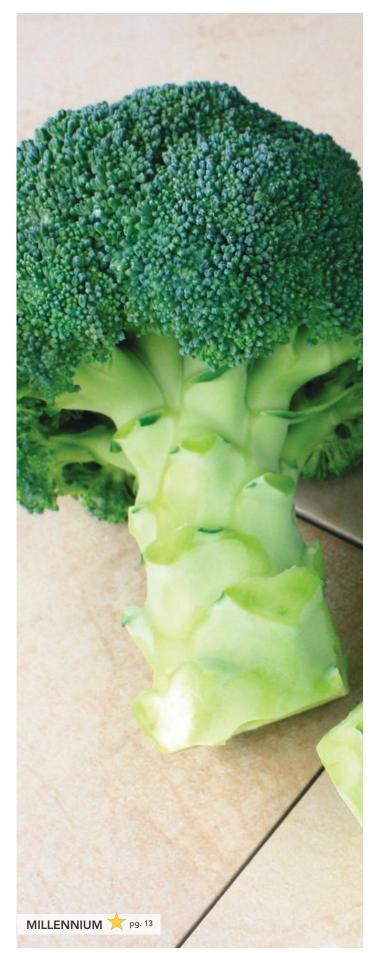




| BEETS | | | | |
|-----------|----------------------|------------|----------|--|
| Item # | ▼ Variety | Days | Sugar | Features |
| Fresh Mai | rket | | | |
| 14003 | Camaro F1 | 50 - 55 | 15% | Good root quality, uniform size and shape. High marketable yield. Smooth skin, good internal and external color. |
| 14105 | Chioggia Guardsmark | 60 | 12-15% | Candy-striped beet with alternating rings of dark red and white that are unique and beautiful, making this variety a popular choice for specialty markets. Increased uniformity and bolt tolerance. A strain of the popular Italian heirloom. |
| 14108 | Golden Boy 🌔 | 60 | 12-15% | Golden Boy features extremely uniform roots and a bright yellow color. Golden Boy produces high yields and maintains a consistent quality while offering disease and drought resistance. |
| 14011 | Merlin ^{F1} | 63 | 12 - 15% | A sweeter beet, noted for its exceptional flavor and high brix. It offers uniform, round-shaped, deep burgundy-red roots with very little interior zoning. Dark green tops are also high eating quality. |
| 14002 | Red Ace FI 🔷 🐔 | 53 | 12 - 15% | Early, sweet, red and resists zoning in hot weather. Excellent for garden, market or processing. |
| 14116 | Schrute F1 | 60 | 12-15% | A fast-growing, globe shaped hybrid with moderately zoned flesh, extremely smooth skin, and strong tops. Attractive and flavorful roots are great for fresh market, bunching, or processing. |
| 14106 | Touchstone Gold 🍑 🐔 | 55 | 12-15% | Offers higher germination rates, more uniform round roots and less zoning than standard golden types. Solid green tops are long, attractive, and quickly shade out weeds. Vibrant golden yellow flesh retains its color when cooked and is sweeter and more mild than red beets. |
| Heritage | | | | |
| 14104 | Cylindra | 60 | 5 - 7% | Unique, long cylindrical shaped beet, excellent for slicing. Up to 8" long and 1 ¾" in diameter. |
| 14101 | Detroit Dark Red | 58 | 5 - 7% | A very popular, tender, dark red beet used by many home gardeners. |

| BEETS | | | M=1, | 000 seeds |
|---|------|------|------|-----------|
| Price per 1,000 seeds (M) | 5M | 25M | 250M | 1,000M |
| 14003 Camaro | 1.88 | 1.79 | 1.73 | 1.69 |
| 14105 Chioggia Guardsmark F300 | 1.94 | 1.85 | 1.79 | 1.75 |
| 14108 Golden Boy F300 | 2.87 | 2.78 | 2.72 | 2.68 |
| 14011 Merlin F300 | 1.50 | 1.41 | 1.35 | 1.31 |
| 14002 Red Ace F300 | 1.50 | 1.41 | 1.35 | 1.31 |
| 14116 Schrute F300 | 1.77 | 1.68 | 1.62 | 1.58 |
| 14106 Touchstone Gold F300 | 3.55 | 3.46 | 3.40 | 3.36 |
| Seed Size: 9 - 10 = 30.000 seeds per pound. | | | | |

| 1 oz. | 4 oz. | | | |
|-------|-------|-------|----------------------|--------------------------------|
| | | 1# | 5# | 50# |
| | 5.10 | 13.50 | 13.25 | 13.00 |
| | 5.55 | 14.75 | 14.50 | 14.25 |
| | 1 oz. | 5.10 | 1# 5.10 13.50 | 1# 5 # 5.10 13.50 13.25 |



BROCCOLI

PLANTING

For spring broccoli, plant in greenhouse in flats. Sow ¼" to ½" deep. For fresh market broccoli, plant on 30" beds with trickle irrigation. On a 30" bed, plant two rows of broccoli. Plants should be 15" apart. When planting fall broccoli, count backward from the first fall frost in your area and add about 30 days from planting. This can be either started in a greenhouse or direct seeded into the field.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Use starter fertilizer for transplants and side-dress with nitrogen fertilizer when the plants are half grown. Provide ample soil moisture, especially as the heads develop. Scout fields for aphids and cabbage worms.

HARVEST

Harvest when the head is large and firm, with a compact cluster of small flower buds. The buds should not have bright yellow flowers showing. Look for bright green or purplish-green heads. Yellow flowers and enlarged buds are signs of over-maturity.

STORAGE

Store the broccoli, unwashed, in loose or perforated plastic bags in the vegetable crisper of the refrigerator. Broccoli left unrefrigerated quickly becomes fibrous and woody.

Wet broccoli quickly becomes limp and moldy in the refrigerator—so wash it just before using. Store fresh broccoli in the refrigerator for 3 - 5 days. Old broccoli may look fine, but it develops strong undesirable flavors. It tastes best and is highest in nutritional value when storage time is brief.

DISEASE CODES

BS - Black Speck

BR - Black Rot

DM - Downy Mildew

HS - Hollow Stem

PB - Club Root

Icon Key for: BROCCOLI



Grower Preferred All-Stars

Proven Production - Consistent Results Trusted by Growers - Year-After-Year



Game Changer Variety

Brings a unique trait to the market. Gaining Grower Interest - A Must Try.













| BRO | CCOLI | | | | | | |
|---------|---------------------------|----------------------------|-------------------|--------------------|-----------------|-----------------|---|
| Item # | ▼ Variety | Days from Transplant*** | Sowing Season | Head Size | Bead Size | Disease Code | Features |
| Fresh N | Market | | | | | | |
| 15009 | Eastern Crown F1 | 74 | Spring Summer | Medium | Small | | This is an outstanding variety for the East Coast. Small beads, bluegreen head color and excellent heat tolerance. Perfect for the crown cut/short trim market. Grows well in long day length and moderate heat. |
| 15051 | Emerald Crown F1 | 78** | Spring | Medium | Medium Small | DM | Specifically bred for high quality and high yield crown cuts. Very uniform, tight heads with beads that are blue green. Nice compliment to Green Magic. |
| 15053 | Fortress | 85*** | Spring | Large | Small | | A mid-late maturing, multi-use broccoli with a clean stem, which makes for an easier harvest. Intermediate resistance to pinrot and anthocyanin free make this a fine choice. |
| 15044 | Green Magic ^{F1} | 75 | Spring | Medium | Medium Small | DM | This summer-type broccoli offers very good uniformity and holding ability. It is in the mid-early maturity class and has a wide adaptability. Has a semi-dome, tight head, with medium-small bead size and good plant habit. |
| 15001 | Hancock ^{F1} | 85 | Spring Summer | Medium | Small | | LIMITED SUPPLY Raised heads for easier picking ability. Thin-stalked variety used for either crown cut or bunching use. Very good heat tolerance. |
| 15049 | Imperial F1 | 85*,** | Spring | Medium | Small | DM | A variety that performs best during long day conditions. Good heat tolerance. Tight head with small, dark green beads. |
| 15004 | Millennium F1 | 88 | Spring, Summer | Large | Extra Small | | A highly adaptable, crown cut type, yielding high-domed heads with very small beads and exceptionally uniform head maturity. It has a round shape, good heat tolerance and less side shoots. It is also anthocyanin-free and has shown strong post-harvest color retention. |
| Brocco | li Raab | | | | | | |
| 15509 | Sorrento Broccoli Raab | 70 | Spring, Fall | Large Florets | | | A fast-growing, early maturing variety. Uniform large florets with blue-green narrow turnip-shape leaves. Tall upright plant, slow to bolt. Perfect for fresh market or home gardeners. |
| | | * | Day length s | sensitive, earlie | r maturity whe | n day length | is longer. |
| | | ** | Requires wa | rmer night tim | e temperatures | to mature, g | rowth rate dramatically slows down under cold temperatures. |
| | | *** | Add 15-20 c | days for direct se | eeding. | | |

| BROCCOLI | | | | M=1,0 | 000 seeds |
|------------------------------|-------|-------|-------|-------|-----------|
| Price per 1,000 seeds (M) | 1M | 5M | 25M | 100M | 500M* |
| 15009 Eastern Crown | 12.90 | 12.30 | 11.95 | 11.55 | 11.35 |
| 15051 Emerald Crown | 11.35 | 10.75 | 10.40 | 10.00 | 9.80 |
| 15053 Fortress | 12.20 | 11.60 | 11.25 | 10.85 | 10.65 |
| 15044 Green Magic | 10.05 | 9.45 | 9.10 | 8.70 | 8.50 |
| 15001 Hancock Limited Supply | 9.95 | 9.35 | 9.00 | | |
| 15049 Imperial | 10.60 | 10.00 | 9.65 | 9.25 | 9.05 |
| 15004 Millennium | 12.20 | 11.60 | 11.25 | 10.85 | 10.65 |

| 1 oz. | 4 oz. | | |
|-------|-------|-------|----|
| | | 1# | |
| 14.20 | 22.70 | 68.25 | |
| | | | 1# |



BRUSSELS SPROUTS

PLANTING

Start in the greenhouse and transplant in early to mid summer, when one would start long season cabbage. Seeds should be planted 4 - 5 weeks before transplanting. Allow 90 - 100 days for plants to mature. For summer harvest, you must plant transplants of an early, heat-resistant variety in very early spring. Sprouts maturing in hot weather or under dry conditions are more likely to develop bitterness. Fall production is the most desirable in a large portion of the country. Plant 24" - 36" apart in the row and 30" - 36" apart in rows. See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Brussels are grown much like cole crops, cabbage and broccoli.

HARVEST

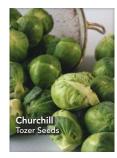
Harvest sprouts when buds form heads one to two inches in diameter. Pick sprouts when they are firm. Lower sprouts mature first.

Icon Key for:
BRUSSELS SPROUTS

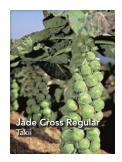


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| BRU | ISSEL S | SPR | OUTS |
|------|---------|----------|------|
| DIVE | | <i>,</i> | |

| Item# | ▼ Variety | Days | Sprout Size | Plant Size | Features |
|----------|-------------------------|-------|----------------------|---------------|---|
| 16006 | Capitola ^{F1} | 90 | 1 ½" | 38" | Known for uniform, high quality sprouts. Adaptable, well suited to fresh market and processing. It is harvestable either by hand or machine. Produces heavy yields. |
| 16007 | Churchill ^{F1} | 80 | 1 - 1 1/4" | 30" | A first early variety, maturing late August to October. Produces good yields of tight, evenly spaced buttons with superb flavor. |
| 16003 NE | Gustus | 110 | 1.2" | 27.6" | Yields fruit from August to October, generating a large number of spherical, regularly spaced sprouts that are mid-green and well-formed. |
| 16002 | Jade Cross Regular F1 | 85 | ³ ⁄4 - 1" | 28" | Popular early maturing variety. Deep green sprouts are spaced closely on medium sized plants. High yield of firm, oval-shaped, medium sized sprouts. Holds well in adverse weather. |
| 16502 | Red Ball | 85-90 | 1" | 38" | Specialty variety producing red sprouts which improve in color after cold weather. Best red variety available. |

| BRUSSELS SPROUTS | | | |
|---------------------------|-------|-------|----|
| Price per 1,000 seeds (M) | 1M | 5M | 25 |
| 16006 Capitola | 29.40 | 28.75 | 28 |

| Price per 1,000 seeds (M) | 1M | 5M | 25M | 100M |
|---------------------------|-------|-------|-------|-------|
| 16006 Capitola | 29.40 | 28.75 | 28.45 | 28.00 |
| 16007 Churchill | 17.15 | 16.50 | 16.20 | 15.75 |
| 16003 Gustus | 29.40 | 28.75 | 28.45 | 28.00 |
| 16002 Jade Cross Regular | 13.25 | 12.60 | 12.30 | 11.85 |
| 16502 Red Ball | 6.65 | 6.00 | 5.70 | 5.25 |

ONLINE VEGETABLE PRODUCTION RESOURCES

www.ruppseeds.com/MVPG

Purdue University's "Midwest Vegetable Production Guide for Commercial Growers" which includes spacing, fertilizing and harvesting information, as well as information on diseases, pest management and weed control.



M=1,000 seeds

www.ruppseeds.com/OSUVeg

The Ohio State University Extension Vegetable Crops website with research reports on many crops. The site also includes a listing of vegetable team members by expertise and how to contact them.



www.ruppseeds.com/MAVR

The 2022/2023 edition of the Mid-Atlantic Commercial Vegetable Production Recommendations.



www.ruppseeds.com/MSUipm

Michigan State University's guide for Integrated Pest Management in commercial vegetable production.



www.ruppseeds.com/PSUSoil

Penn State University offers soil test recommendations for commercial vegetables.



www.ruppseeds.com/NCShort

North Carolina State University's Department of Horticulture Science website.



www.ruppseeds.com/uoiVeg

University of Illinois Extension Vegetable Gardening Basics.



www.ruppseeds.com/PSUext

Penn State University's Department of Plant Pathology, Vegetable Disease Identification.





CABBAGE

PLANTING

Transplant early cabbage soon enough that it matures before the heat of summer. Planting two or three varieties with different maturities can provide harvest over a longer period of time. Late cabbage must be started during the heat of mid-summer, but it develops its main head during the cooling weather of fall. It may be transplanted or direct seeded. Plants should be planted 12" - 24" apart depending on variety and the desired head size. Sow cabbage seeds ¼" - ½" deep.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Use starter fertilizer when transplanting and side-dress with nitrogen after plants are half grown. Keep plants out of intense sunlight and heat of summer. Common problems are Yellow or Fusarium Wilt, as well as cabbage worms.

HARVEST

Cabbage can be harvested anytime after the head has formed. For highest yield, cut the cabbage heads when they are solid (firm to hand pressure) but before they crack or split. When heads are mature, a rain may cause heads to crack or split.

STORAGE

Fresh, uncut heads of cabbage can be stored in the refrigerator for up to two weeks. Cover loosely with a plastic bag or use perforated bags. Do not wash cabbage before storing; the extra moisture will hasten deterioration.

DISEASE CODES

ALS - Angular Leaf Spot
ALT - Alternaria Leaf Spot
BR - Black Rot
BS - Black Spec
CR - Crown Rot

DM - Downy Mildew
Foc - Fucerioum
T - Thrips
TB - Tip Burn
YR - Yellows Resist

| CABBAGE Hybrid | | | | M=1,0 | 000 seeds |
|------------------------------|-------|-------|-------|-------|-----------|
| Price per 1,000 seeds (M) | 1M | 5M | 25M | 100M | 500M* |
| 17022 Blue Vantage | 7.25 | 6.65 | 6.05 | 5.45 | 5.35 |
| 17048 Cheers | 9.20 | 8.60 | 8.00 | 7.40 | 7.30 |
| 17069 Fast Vantage | 8.45 | 7.85 | 7.25 | 6.65 | 6.55 |
| 17002 Genesee Vestri | 17.50 | 16.90 | 16.30 | 15.70 | 15.60 |
| 17116 Grand Vantage | 10.10 | 9.50 | 8.90 | 8.30 | 8.20 |
| 17117 Green Voyager | 8.45 | 7.85 | 7.25 | 6.65 | 6.55 |
| 17118 Osceola | 7.45 | 6.85 | 6.25 | 5.65 | 5.55 |
| 17097 Platinum Dynasty | 8.10 | 7.50 | 6.90 | 6.30 | 6.20 |
| 17012 Promise Limited Supply | 20.60 | 20.00 | 19.40 | | _ |
| 17005 Stonehead | 7.90 | 7.30 | 6.70 | 6.10 | 6.00 |
| 17011 Xtreme Vantage | 7.20 | 6.60 | 6.00 | 5.40 | 5.30 |
| | | | | | |

^{*} Multiple packages may be used to fill orders for these quantities.



















| CABBA | AGE | HYBRID | | | | | |
|--------|------------------|----------------------------|-----------------------|--------------|-----------------|------------------------------|---|
| ltem # | Variety | ▼ Days from Transplant* | Head Weight pounds | Head Type | Color | Disease Code | Features |
| 17069 | Fast Vantage | 50 | 2 ½ | Round | Medium Green | | A very uniform hybrid that is slightly earlier than Headstart for the early cool season. |
| 17005 | Stonehead | 60 | 3 - 4 | Round | Gray Green | TB | Early hybrid for home garden or market. Solid, slow to burst heads |
| 17117 | Green Voyager | 70 | 3 - 4 | Round | Blue Green | Foc ¹ | All season hybrid with good heat tolerance. Green Voyager's head is compact, round and medium sized. It's very attractive and has a distinctive blueish green color. |
| 17097 | Platinum Dynasty | 70 | 3 - 4 | Round | Blue Green | BR, TB, YR | A Seminis fresh market hybrid with excellent uniformity in the early main season time slot. Performs well in the East & Midwest both in the summer and fall. |
| 17022 | Blue Vantage | 80 | 3 - 4 | Round | Blue Green | Foc ¹ , TB, YR | Early, main season hybrid, excellent appearance, disease tolerant and excess moisture tolerant. Excellent for fresh market or slaw. |
| 17048 | Cheers | 80 | 4 - 6 | Round | Blue Green | BR, YR | A hybrid with uniform heads, larger wrapper leaves. Disease resistant. Compare to Blue Vantage. |
| 17118 | IEW Osceola | 80 | 4-6 | Round | Blue Green | BR, YR¹ | A large green cabbage that serves dual purpose for processing and fresh market. This cabbage has a vigorous plant frame, good field holding, mid-late maturity, and intermediate resistance to Black Rot. |
| 17011 | Xtreme Vantage | 80 | 5 - 6 | Round | Blue Green | BR, TB, YR | Very good uniformity in field. Has a good disease package. |
| 17116 | Grand Vantage | 85 | 5 - 6 | Round | Blue Green | TB, YR¹ | An exciting fresh market variety with attractive green to blue-green color. Very round head 7 x 7", dense solid interior and short core. Tight wrapper leaves. Good holding ability and excellent yield. |
| 17002 | Genesee | 95-100 | 6+ | Round | Blue Green | | Main season maturing kraut/processor cabbage. High yield with higher dry matter and uniformity. Very long holding ability in the field. High uniformity of size and shape of the heads. Designed for fresh consumption, processing and short-term storage - up to 2 months. |
| 17012 | Promise | 100 | 6+ | Round | Blue Green | YR | LIMITED SUPPLY An upright plant frame and a nice round oval head. Adapts well to fall-winter season. Good uniformity for the type and excellent field holding ability. Suited for fresh, processing, and short storage markets. |

Icon Key for: **CABBAGE**

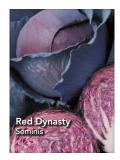




High TunnelVariety is recommended for high tunnel or protected production















| CABBA | ABBAGE SPECIALTY Hybrid | | | | | | |
|--------|-------------------------|----------------------------|--------------------------|------------|------------|-----------------|--|
| Item # | Variety | ▼ Days from Transplant* | Head Weight pounds | Head Type | Color | Disease Code | Features |
| 17098 | Golden Cross Improved | 40 | 2 | Round | Green | | A small-sized hybrid cabbage. Uniform globe heads are medium green and firm with a short core. Early bursting after full maturity. Recommended harvest spring to fall. |
| 17090 | Red Dynasty | 72 | 3 ½ - 5 | Flat Round | Red | BR, TB | A Seminis red cabbage with the right size for fresh market plus intermediate black rot resistance. |
| 17070 | Red Jewel | 75 | 3 - 5 | Round | Purple Red | TB | Sakata hybrid that is widely adaptable with very good holding ability. Excellent uniformity and yield potential. |
| • | • | * Add 10-15 days | | | • | . • | |

| CABBAGE | | HERITAG | HERITAGE OP | | | | | | | |
|---------|-------------------------------|----------------------------|--------------------------|------------|------------|---|---|--|--|--|
| Item # | Variety | ▼ Days from Transplant* | Head Weight pounds | Head Type | Color | Disease Code | Features | | | |
| 17512 | Early Flat Dutch Brunswick | 88 | 6 - 8 | Flat Round | Dark Green | | Popular home garden variety. | | | |
| 17508 | Late Flat Dutch | 105 | Up to 30 | Flat Round | Green | • | Good storage variety and one of the best for sauerkraut. Home garden. | | | |
| ••••• | • | * Add 10-15 days | for direct see | ding. | | *************************************** | | | | |

| CABBA | AGE | CHINESE | CHINESE TYPES 🚱 | | | | | | | |
|-------------|--------------------|----------------------------|--------------------------|-----------|-------|-----------------|--|--|--|--|
| Item# | Variety | ▼ Days from Transplant* | Head Weight pounds | Head Type | Color | Disease Code | Features | | | |
| Fresh Ivial | rket | | | | | ALC DC | | | | |
| 18010 | Blues F1 | 57 | 4 - 5 | Napa | Green | ALS, BS, DM | Extra slow bolting, high disease tolerance, superior performance in spring or early fall. | | | |
| 18006 | Apollo | 65 | 5 ½ | Napa | Green | CR | LIMITED SUPPLY A bright green external color, light yellow internal color with moderate head height. Harvest spring to early summer. | | | |
| • | ••••• | •••••• | | •••• | ••••• | BS, CR, | | | | |
| 18017 | Yuki ^{F1} | 67 | 4 - 5 | Napa | Green | TB | Medium maturing, China Pride type hybrid. Good uniformity and size. | | | |
| • | • | * Add 10-15 days | | | ••••• | ••••• | | | | |

| CABBA | GE | CHINESE | Pak-Choi | | |
|--------|------------------------|----------------------------|--------------|-------|---|
| Item # | Variety | ▼ Days from Direct Seeding | Head Type | Color | Features |
| 49013 | Toy Choy F1 | 30 - 35 | Celery | White | A compact hybrid Cantonese Pak Choi with thick, broad, milky white petioles and glossy, dark green leaves. Perfect for growers servicing Asian markets. |
| 49012 | Joi Choi ^{F1} | 35 - 40 | Celery | White | First hybrid white stem. Slower bolting and higher yielding than OP's. Popular with the Chinese market. |





| CABBAGE SPECIALTY | Hybrid | | | M=1,0 | 00 seeds |
|----------------------------|--------|-------|-------|-------|----------|
| Price per 1,000 seeds (M) | 1M | 5M | 25M | 100M | 500M |
| Golden Cross | | | | | |
| 17098 Improved | 10.70 | 10.10 | 9.50 | 8.90 | 8.80 |
| 17082 Huron Limited Supply | 16.00 | 15.40 | 14.80 | 14.20 | 14.10 |
| 17090 Red Dynasty | 11.95 | 11.35 | 10.75 | 10.15 | 10.05 |
| 17070 Red Jewel | 11.85 | 11.25 | 10.65 | 10.05 | 9.95 |
| 17041 Savoy King | 12.65 | 12.05 | 11.45 | 10.85 | 10.75 |

CABBAGE OP

| Priced per package | 1 oz. | 4 oz. | 1# |
|----------------------------------|-------|-------|-------|
| 17512 Early Flat Dutch Brunswick | 6.55 | 9.95 | 19.75 |
| 17508 Late Flat Dutch | 6.55 | 9.95 | 19.75 |

| CABBAGE CHINESE | | | M=1, | 000 seeds |
|-----------------------------|------|------|------|-----------|
| Price per 1,000 seeds (M) | 1M | 5M | 25M | 100M |
| 18006 Apollo Limited Supply | 5.10 | 4.50 | 4.20 | 3.60 |
| 18010 Blues | 5.10 | 4.50 | 4.20 | 3.60 |
| 18017 Yuki | 6.40 | 5.80 | 5.50 | 4.90 |

| CABBAGE CHINESE Pal | k-Choi | M=1,000 see | | |
|---------------------------|--------|-------------|------|------|
| Price per 1,000 seeds (M) | 1M | 5M | 25M | 100M |
| 49012 Joi Choi | 5.55 | 4.95 | 4.65 | 4.05 |
| 49013 Toy Choy | 4.45 | 3.85 | 3.55 | 2.95 |

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BOLERO pg. 21

CARROTS

When deciding what variety of carrot to plant one must determine two things: "What is my target audience?" and "What kind of soil do I have?" Growers need to define if they are selling to fresh or storage markets. Most of the carrots available from Rupp are geared towards fresh market. If high tunnels or cold frames are used in your operation, you may want to consider carrots as part of your rotation due to their ability to resist cold weather.

There are five main types of carrots: Nantes, Chantenay, Baby, Imperator, and Danvers.

- Nantes are easily and widely adapted; straight cylindrical roots ranging 5" 7" long. They tend to have a sweet flavor and crisp texture, but have a limited storage potential. Nantes are grown in loose sandy soils or in raised beds.
- Chantenay have conical roots with broad shoulders and rounded tips. They have a rich, sweet flavor and also possess a good storage potential. They are an excellent type to grow from summer to fall and are adapted to various soil types. They usually size up well in clay soils with high organic matter content.
- Baby carrots have a root less than 5" long with a crisp texture and are frequently quite sweet when mature. They also are grown in any well drained soil and can be used to separate different types of salad greens. They tend to have limited storage potential.
- Imperator are long with a tapered root shape, stocky shoulders and strong tops. They tend to have a fibrous texture and store well. This type of carrot sizes up best in deep, sandy loam.
- Danvers have a thick rooted cylindrical shape with a yellowish core. This type is mainly used for processing, juicing, and storage.

PLANTING

Carrots can be planted in soils as cool as 40°F with the ideal temperature ranging from 50 to 75°F. They take anywhere from 7 - 21 days to emerge from the soil depending on soil temperatures. Spring carrots are planted 2 - 3 weeks before the last frost. For fall harvest, plant carrots 10 - 12 weeks before the first frost. Seed carrots $\frac{1}{4}$ " - $\frac{1}{2}$ " deep and 15" between rows. Using seed tapes or pelleted seed will help prevent over seeding.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Soil nutrients are very important. Test the soil to check for optimal levels. Also scout for insect and fungal infestations. Root quality is best when soil temperatures are 60 - 70°F. The shape of the root is determined within the first few weeks after germination when the new plant extends its taproot deep into the soil. Sometimes growers will mix radish seed with carrot seed to help with emergence. Radishes tend to have the ability to break though soil crusting which in turn helps the carrots emerge.

HARVEST

Fresh market carrots are harvested when they are $3\!4''$ - $11\!/\!2''$ in diameter.

STORAGE

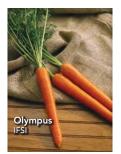
Store carrots at 32 - 34°F and at 98 - 100% humidity. Store clean carrots away from other fruits and vegetables.













| CARRO | OTS | HYBRID |) | | | |
|--------|------------------|-----------------|----------|------------------------------|---------------|---|
| Item # | ▼ Variety | Maturity | Size | Туре | Interior | Features |
| 19034 | Bengala | Mid-Late | 7.5-8.3 | Nantes | Orange | This variety has tall tops with a tolerance to Alternaria dauci. It has healthy foliage, good taste, and long storability. |
| 19032 | Bolero | Early | 8" | Nantes | Orange | Bolero is a proven variety year in and year out as a versatile nantes suited for bunching, slicing and baby nantes markets. |
| 19026 | Enterprise | Early Main | 12 - 14" | Conical | Dark Orange | A Seminis fresh processing cut and peel or slicing carrot with long, smooth, dark orange roots with a small core. Resists cracking. Strong top with good leaf blight tolerance. |
| 19014 | Gold Nugget | Medium Early | 7.5 - 8" | Nantes | Yellow | Sweet flavor. Very uniform with high production. Medium vigor. Erected with a strong top and good aptitude for harvesting by top lifting. |
| 19006 | Musico | Early | 7 - 8" | Nantes | Dark Orange | A uniform, cylindrical root with well-rounded tips at maturity. Strong attachment for harvest by lifting or bunching. Very good internal quality. A good replacement for Primo. |
| 19007 | Olympus | Main | 7 - 9" | Imperator | Dark Orange | Outstanding for bunching. Great color combined with a smooth finish. Very crisp texture and excellent flavor. Classy hybrid with high yield potential. |
| 19009 | Viper | Main | 12 - 14" | Imperator / Cut & Peel | Bright Orange | Was bred for higher density plant populations and maintains its long length to maximize yield for two inch pieces. Small, indistinctive core and incredible top strength with good stem attachment for easy harvesting. Combines a great flavor profile and very crisp texture. |

| CARROTS Hybrid | | | M= | :1,000 seeds |
|---------------------------|------|------|--------|--------------|
| Price per 1,000 seeds (M) | 10M | 100M | 1,000M | 5,000M |
| 19034 Bengala | 1.27 | 0.92 | 0.87 | 0.84 |
| 19032 Bolero | 1.74 | 1.39 | 1.34 | 1.31 |
| 19026 Enterprise | 1.19 | 0.84 | 0.79 | 0.76 |
| 19014 Gold Nugget | 1.93 | 1.58 | 1.53 | 1.50 |
| 19006P Musico Pelleted | 1.85 | 1.50 | 1.45 | 1.42 |
| 19007P Olympus Pelleted | 1.38 | 1.03 | 0.98 | 0.95 |
| 19009 Viper | 1.38 | 1.03 | 0.98 | 0.95 |

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CAULIFLOWER

PLANTING

Cauliflower is best started from transplants for both spring and fall crops. Do not transplant sooner than 2 - 3 weeks before the average frost free date in the spring. Cauliflower is more sensitive to the cold than its cabbage-family relatives. It is important to start cauliflower early enough that it matures before the heat of the summer, but not so early that it will be injured by the cold. Transplant autumn cauliflower and cabbage at the same time. Use starter fertilizer when transplanting. Start the transplants so that they grow actively until transplanting and never cease growth. Space transplants 18 - 24" apart in the row. Use wider spacing for fall plantings.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Cauliflower plants should be kept growing vigorously from the seedling stage through harvest. When the heads begin to form (shows 2 to 3" of white curd at the growing point), it is ready to blanch. Tie the outer leaves together over the center of the plant to protect the head from sunburn, to keep it from turning green and developing an off-flavor. When selecting cauliflower choose varieties that are self wrapping. This will help in the blanching process.

HARVEST

The curd develops rapidly under proper growing conditions. It grows 6 - 8" in diameter and is ready to harvest within 7 - 12 days after blanching begins. The mature heads should be compact, firm, and white. Harvest the heads by cutting the main stem. Leave a few green outer leaves attached to protect the heads. Cut the heads before they become over mature and develop a coarse "ricey" appearance. Once individual florets can be seen, quality deteriorates rapidly.

| CAULIFLOWER | | | | | M=1,0 | 000 seeds |
|-----------------------|--------------|-------|-------|-------|-------|-----------|
| Priced per package | 250 Seeds | | | | | |
| Price per 1,000 | seeds (M) | 1M | 5M | 25M | 100M | 500M* |
| 20017 Amethyst | 29.50 | 90.70 | 89.70 | 88.70 | 87.70 | 87.45 |
| 20013 DePurple | 32.05 | 98.60 | 97.60 | 96.60 | 95.60 | 95.35 |
| 20014 Flame Star | 32.05 | 98.60 | 97.60 | 96.60 | 95.60 | 95.35 |
| 20020 Freedom | 13.55 | 41.55 | 40.55 | 39.55 | 38.55 | 38.30 |
| 20015 Minuteman | | 20.05 | 19.40 | 18.95 | 18.50 | 18.40 |
| 20006 Shakaris | | 23.75 | 23.10 | 22.65 | 22.20 | 22.10 |
| 20009 Synergy | | 22.60 | 21.95 | 21.50 | 21.05 | 20.95 |
| 20003 Twister | | 20.10 | 19.45 | 19.00 | 18.55 | 18.45 |
| | | | | | | |

^{*} Multiple packages may be used to fill orders for these quantities.















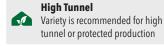




| CAUL | .IFL | OWER | | | | | | |
|--------|------|------------------------|--------------------------|-----------|------------------|------------------|-------------------|---|
| Item # | | Variety | ▼Days from Transplant | Head Type | Plant Size | Self Wrapping | Sowing Season | Features |
| 20015 | * | Minuteman F1 | 60 | Deep Dome | Medium | Good | Spring | An early and widely adapted hybrid from Seminis that has performed well when harvested in the summer heat and early fall. Superior head quality. |
| 20013 | | DePurple ^{F1} | 68 | Domed | Medium, Erect | Very Good | Spring, Summer | Lavender/pink variety that offers uniform maturity and consistent performance under a variety of environmental conditions. Ideal for the specialty color market. |
| 20017 | NEW | Amethyst | 70 | Domed | Large | Very Good | Spring, Fall | A beautiful lavender domed shape fruit. Known for great performance in the East and does well in cool to warm and warm to cool seasons. |
| 20020 | | Freedom F1 | 70 | Domed | Large | Excellent | Spring, Summer | A mid season hybrid with more uniformity for harvest. |
| 20009 | * | Synergy F1 | 75 - 80 | Domed | Medium | Excellent | Spring | An Enza variety especially suited for summer production. Will give good covering for nice white curds in the heat. |
| 20003 | * | Twister F1 | 75 - 80 | Domed | Medium | Excellent | Spring, Summer | Twister is a tight, heavy-headed, white cauliflower with good internal wrap. It is mid-maturing with very uniform harvest. Twister seems to prefer heavier ground. |
| 20014 | | Flame Star Fl | 80 | Semi Dome | Medium, Erect | Good | Spring, Summer | Beautiful semi-orange variety targeted to the specialty color market. Produces medium-size plant with high yields of smooth, dense, well-shaped heads. Versatile for fresh market or processing markets. |
| 20006 | * | Shakaris F1 | 80 - 85 | Domed | Compact | Very Good | Spring, Summer | Great for fresh market and processing. Consistent head size with abundant yield potential. Notable white curd. |

Icon Key for: CAULIFLOWER















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| CELERY | | | | | | |
|--------|------------------------|------------------------|-----------------|-----------------|-----------------|--|
| Item # | ▼ Variety | Maturity | Color | Plant Height | Stalk Length | Features |
| 21003 | Hudson ^{F1} | Mid season | Dark Green | 26" | 14-16" | A tall, compact, high yielding celery with an excellent petiole count. Excellent fusarium tolerance. A popular mid-season variety. |
| 21001 | Victoria ^{F1} | Early / main season | Medium Green | 25" | 14" | Tall with fleshy petioles. Quick growing with good standing ability and is slow to bolt in early plantings. Performs well under adverse spring conditions. |

| COLLARDS | | | |
|----------|-----------------------------|------|--|
| Item # | ▼ Variety | Days | Features |
| 22503 | Flash ^{F1} | 73 | A vigorous, fancy, uniform, very slow bolting hybrid that offers growers an earlier Vates type. |
| 22501 | Top Bunch 2.0 ^{F1} | 70 | Early maturing variety that resembles Top Bunch with wavy, lightly savoyed leaves that regrow quickly after harvest. |

| CELERY M=1,000 seed | | | | | | | | |
|---------------------------|------|------|------|--|--|--|--|--|
| Price per 1,000 seeds (M) | 1M | 10M | 25M | | | | | |
| 21003P Hudson Pelleted | 7.80 | 7.35 | 7.00 | | | | | |
| 21001P Victoria Pelleted | 7.80 | 7.35 | 7.00 | | | | | |

| COLLARDS | | | | |
|--|-------|--------|--------|--------|
| Priced per package | 1 oz. | 4 oz. | | |
| Priced per pound in these package sizes | | | 1# | 5# |
| 22503 Flash | 55.85 | 159.50 | 472.45 | 471.45 |
| 22501 Top Bunch 2.0 | 57.45 | 164.10 | 486.10 | 485.10 |

| HIGH TUNNEL & P | ROTECTED CULTURE | INDEX | |
|----------------------------|--|--|--------------------|
| В | K | R | Greenhouse |
| Beets | Kale 57 | Radish | Better Boy Plus |
| Chioggia Guardsmark | Kohlrabi 57 | Т | Big Beef |
| Touchstone Gold | M | Tomato | Celebrity Plus 111 |
| С | Mustard 63 | Cherry Chocolate Sprinkles 115 | Early Girl |
| Cabbage Chinese | Peppers Bell Green to Red Sprinter .71 Other Colors Milena .73 Peppers Yellow Abay .72 Sweet Cones .74 | Gold Spark. 115 Ruby Crush. 115 Sweet Hearts. 115 Tidy Treats 115 Fresh Market Carolina Gold 113 GTO 113 Laguna Red 113 Rambler 113 Roadster 114 | Lemon Boy Plus |

HIGH TUNNEL PRODUCTION **M**



A high tunnel is a naturally heated enclosed structure that is used to grow produce while extending the growing season and controlling agronomic conditions. Also known as "hoop houses," high tunnels are typically constructed with tubular steel frames covered by plastic, and their use is rapidly gaining popularity across the Midwest and Northeast. High tunnels significantly increase the average daily temperature of the growing environment while protecting crops from wind, rain, snow, hail, insects and diseases.

A primary advantage of high tunnels over other protection systems is that they are large enough to allow crops to be grown to full maturity and allow sufficient space for cultivation, spraying, and harvesting with the tunnels intact. By extending the season, most crops grown within a high tunnel are harvested at least a month earlier or later than field grown crops, which will earn growers a premium in the marketplace.

Which crops are typically grown within a high tunnel?

Any crop where premiums for availability of early or late fresh produce is a good candidate for high tunnel production. Crops which have an early premium such as tomatoes, peppers, cucumbers or salad greens are particularly suitable, with tomatoes being the #1 crop grown in high tunnels. We recommend choosing crops with a high yield potential and high value per unit in order to recoup your investment.

How many crops can be produced within a high tunnel per year?

At least three cropping cycles are realistic for high tunnels in most climates. Two warm season and one cool season crops within a 12 month period are feasible. With intercropping (the growing of two or more crops simultaneously), the combination of crops is almost infinite.

Planning for your high tunnel

High tunnel production carries with it a modest learning curve for growers experienced with open field production. There are several key factors that should be considered when planning to grow produce in a high tunnel.

Variety Selection

Choosing the right variety for your high tunnel is important. Varieties that perform well in the open field will not

necessarily perform the same in a high tunnel. While some growers have learned how to adapt their cropping practices in order to use open field varieties in high tunnels, going this path will require some trial and error. We have highlighted several varieties in our catalog that have a proven track record in high tunnel production.

Fertility

The proper nutrient program is important since you are dealing with crops that are demanding high input to produce above average yields. If you are planting in soil, take a soil test to see what nutrients need to be added. If you're using soil bags, make sure to keep them flushed so that the salt index does not get too high.

The first priority in your fertility program is to focus on building plant structure and then concentrate on the flowering and fruit production of the plant.

For more information on specific fertility needs we suggest contacting:

ISP Technologies Inc. Gary Schafer: 785-760-0415 Ray Sawyer: 785-760-0993 www.ruppseeds.com/ISPTech



Pruning and Trellising

The training process begins as soon as the plants are planted in the soil medium. Building the structure and correct biomass of the plant is essential for optimal fruit production and disease prevention. This is one of the biggest learning curves when growing in the high tunnels because it depends on crop type and variety.

For example, growers that are growing indeterminate tomatoes will trellis their tomatoes on a one-leader system, whereas determinate varieties are trellised on a two-leader system. Pruning requirements will vary by variety depending on how vigorously that variety's plant grows. Determining the correct bio-mass of the plant for optimal fruit production is an ongoing learning curve. Consult with high tunnel crop advisors, as well as your seed rep, for advice on pruning practices for certain hybrids.

Pollination

A number of vegetable crops require pollinators such as bees to be present in order for pollination to take place and fruit to set. These crops include melons, some cucumbers and squash. If wild bees are present, they may enter the high tunnel naturally. Planting cover crops such as hairy vetch, dill and alyssum around a high tunnel will help attract pollinators. If bees are not naturally present, many growers either handpollinate or purchase pollinators for release in the high tunnel. Contact Koppert Biological at 810-632-8750 or

www.ruppseeds.com/ KoppertUS if you need to purchase pollinators.

Some cucumber varieties that are targeted for high tunnel and greenhouse production are parthenocarpic, meaning that they will set fruit without pollination, and thus don't require pollinators. All the varieties listed in the cucumber protected culture section are parthenocarpic.

Air Circulation

Circulation is vital to suppress disease. Increased disease pressure comes with stagnant and humid air, which is prevalent in a high tunnel setting. Typically, high tunnels have sides that can be rolled up, but for vertical production, fans should be installed in the upper regions of the structure to provide complete air flow movement.

Pest Management and Scouting

There are certain diseases that should be scouted for on a regular basis such as: grey leaf mold (boytritus), white mold and powdery mildew. In addition, pests such as spider mites, thrips and white flies could also be present and should be included in the scouting plan. Check with your local extension agent or crop protection advisor for products that may help you control any identified disease and pest issues.

High tunnel production is growing and crop practices continue to develop as growers gain experience with production in protected culture environments. The knowledge and experience of our staff is also continuing to develop in this area and we look forward to providing support to our customers and learn from them as we grow together.

Look for this symbol in the product description tables marking items that work well in high tunnel / protected culture use.





CORN (Sweet)

PLANTING

Plant seeds 8 - 12 inches apart on 30 inch rows to achieve optimum yield. Seed depth should be $\frac{3}{4}$ " - $\frac{1}{2}$ " depending on soil conditions, and genetic type. Plant when soil temperature is 60° F plus. Planting in blocks will also help increase uniformity in pollination.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

SEEDING RATE

18,000 - 22,000 seeds per acre or one seed every 8 - 12 inches. To achieve this singulation use a finger or air seed delivery system.

MANAGEMENT

Be sure to read "Managing Insects in Sweet Corn" on page 38. For GMO and non-GMO corns, scout field every 7 days to check for insect, weed, and disease pressure. For identification of weeds, insects, and diseases consult your local extension office or view the Midwest Vegetable Production Guide.

www.ruppseeds.com/MVPG

ISOLATION

For all high quality sweet corn varieties, maintaining an isolation is required to protect the high sugar and flavor characteristics of the sweet corn as cross pollination from other types of sweet corn or different types of corn will result in starchy kernels.

SE/Synergistic types and SH2/Improved Super Sweet types should be isolated both from each other <u>and</u> from other types of corn including field corn, popcorn, and ornamental corn.

An isolation can be achieved either by distance or by a difference in maturity. Preferable isolations would require 700 - 1000 feet distance from other corns, or 10 - 14 days between pollination.

RELATIVE MATURITY

Sweet corn maturities are publicized as days to relative maturity. This information comes from supplier data, as well as our trial observations in the Midwest. Prolonged excessive heat or cool temperatures can cause maturity dates to fluctuate to some degree. Monitor your crop through the growing season in order to pick at optimum freshness.

HARVEST

Harvest sweet corn when the end kernels of the ear feel developed. Approximately 21 - 25 days after half silk. Sample sweet corn to ensure quality.

STORAGE

Pre-cool cob temperature to 50°F. After pre-cooling store at 34°F and 95% humidity.

DISEASE CODES

MDM -Maize Dwarf Mosaic NLB -Northern Leaf Blight SLB -Southern Leaf Blight DISEASE RATINGS

R - Resistant M - Moderately Resistant MS - Moderately Susceptible S - Susceptible

USE CODES

FM - Fresh Market HG - Home Garden P - Processing S - Shipping

2025 SWEET CORN TRIAL REPORT

2025 was no different than years past. It had its own set of challenges. However, it was still educational for me as the Product Development Lead. As I reflect, on this past sweet corn season one thing that sticks out is extremes. Extremely wet and extremely dry for us on the trial farm. This year, I had a crash course on what too much rain does to herbicides and having to stay on top of weed control when your "Plan A" fails. The other thing that I observed as well is you can grow nice corn on very little rain. My last planting (July 6) only had 2.7" of rain fall.

In the short season Sh2 corn's, I have come to enjoy Bolt. However, it is a corn that a grower would only use once or twice in the early slot. Crookham is releasing one this year called Dash. We have trialed this as an experimental number for three years and have been impressed with it. I also got to see this variety in another location, and it was impressive. Looking at old notes, George Wonacott, before he passed, called this one the Bolt killer in one of our meetings. For the growers who have come to love Kickoff, IFSI is working at bringing one out called Kick-Start. We hope that we can get this out and see how it preforms across our footprint as a company.

As for consistent performers, I don't think you could go wrong with any of the grower preferred varieties. For rain gaps, I am still excited about Solstice and Signature. Eden, for early white corn, checks all the boxes. People ask what I would put up against Kate, and my answer is aways Nirvana or Xanadu - especially if you don't want to have a sore shoulder when you're done picking. Cosmic continues to impress me, and I encourage growers to use it for their late plantings because of its disease tolerance.

If you are still growing Synergistic corn, we picked up Evolution from Seneca. I think growers will come to like this one. Let us know how you enjoy it if you decide to put it in your lineup.

The most exciting thing this year was preforming a "stress wheel" on some of our commercial hybrids. It was very exciting to see how the different corns performed under a really high population. It was amazing to see how a few hybrids did not change ear size from 43,000 seeds per acre to 13,500 seeds per acre. I find it amazing how plants can adapt to stress and weather! It is one of the joys I believe I share with you as growers.

by: Pete Dinius - Product Development Lead



Icon Key for: SWEET CORN

| * | Grower Preferred All-Stars Proven Production - Consistent Results Trusted by Growers - Year-After-Year |
|----------|---|
| | |
| NEW | New to Rupp Seeds in 2026 |
| | |
| | Cruiser Seed Treatment |
| | Performance Series Docs Needed |
| 143 | Attribute Documents Needed |
| * | Nirvana Series Sweet Corn |
| _ | |

Rupp Seeds Breeding or Exclusive

































Sweet Corn Quick Guide

Sweet corn is one of the most popular vegetables grown in the United States. Sweet corn hybrids, like many vegetable varieties, have seen improvements that enhance eating quality in the areas of sugar content, flavor, tenderness and appearance. Commercial growers also experience benefits of these improved hybrids with higher yields, disease resistance, better plant structure, insect and herbicide resistance, etc.

Genetic Types

C

Producing and preserving the eating quality potential of the hybrids is a key factor for the grower's success in his market. Knowing the genetic type of each hybrid is essential as the grower prepares a cropping plan. Each genetic type has some risks of cross pollination with other types, which can negatively impact eating quality in the crop produced. Maintaining an isolation between types or selecting hybrids within compatible genetic type groups will ensure that the eating quality of each hybrid has been preserved.

Several of these types are related, so from a variety selection and crop planning perspective, we view them as three genetic type groups. Each group has slightly different recommendations for the other types they need to be isolated from. *Please see the genetic type groups to the right for more information on the characteristics of each group and its isolation requirements.*

Isolation

For all high quality sweet corn varieties, maintaining an isolation is required to protect the high sugar and flavor characteristics of the sweet corn as cross pollination from other types of sweet corn or different types of corn will result in starchy kernels.

SE/Synergistic types and SH2/Improved Super Sweet types should always be isolated both from each other <u>and</u> from other types of corn including field corn, popcorn, and ornamental corn.

An isolation can be achieved either by distance or by a difference in maturity. Preferable isolations would require 700 - 1000 feet distance from other corns, or 10 - 14 days between pollination.

When to Plant

We all want to get sweet corn in the ground as soon as possible. However, planting sweet corn in cold soil often leads to poor germination and vigor - leading to a disappointing sweet corn harvest.

Below is a general guide when to plant sweet corn according to **SOIL TEMPERATURE**.

60° or colder -- DON'T PLANT

60° - 70° -- DELAY PLANTING

70° or warmer -- READY TO PLANT

For detailed soil temperature information, see page 125.

SU NORMAL

- Traditional sweet corn genotype (SU gene)
- Exceptional seed vigor and germination
- Strong, old fashion corn flavor
- One day window where sugars are at their peak before converting to starch

For best flavor, isolate from SH2 and Improved Super Sweet types and dent corn, popcorn, and ornamental corn.

SE

- Sugary enhancer (SE) gene
- Sweetness, flavor, and texture are improved over SU types
- Three day window where sugars are at their peak before converting to starch
- Typically used for freezing

SYNERGISTIC

- Tender kernels with higher sugars than SE
- Longer shelf life than SE
- Approximately five days from when sugars are at their peak before converting to starch
- Great for local and roadside markets seeking the balance between that old fashion flavor and the high sugar corns.

For best flavor, isolate from SU, SH2, and Improved Super Sweet types and also dent corn, popcorn, and ornamental corn.

SH2 SH2 EXTRA SWEET

- Shrunken (SH2) gene raises the sugar levels and field holding ability.
- Increased shelf life improves ease of distribution
- Harder kernel gives a snap bite
- Less damage during harvest
- Ten day window where sugars are at their peak before converting to starch
- Needs warmer soils (65° F or higher) for germination

IMPROVED SUPER SWEETS

- A perfect blend of tender SE type kernel with the high sugar flavors of SH2
- Ten day window where sugars are at their peak before converting to starch
- Needs warmer soils (65° F or higher) for germination

For best eating quality, isolate from SU, SE, and Synergistic types as well as dent corn, popcorn, and ornamental corn.

EATING QUALITY RATING ****

Our Rupp 5 Star sweet corn eating quality ratings are based on **real-world tastings** in multiple locations across various growing regions.

Sweet corn is rated on **sweetness, tenderness,** and **corn flavor** and then listed to give you a guide as to what many consider to be a good tasting sweet corn. Participants range from growers to fresh market operators to the general consumer.

SWEET CORN MATURITY INDEX

| | ▼ Relative | | |
|------------------|---------------|-----------------------|--------|
| BI-COLOR | Maturity | Genetic Type | Page # |
| Bolt XR | 67 | Improved Super Sweets | 36 |
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| Latte | 68 | Synergistic | 35 |
| Sweetness | 68 | Synergistic | 35 |
| Kickoff XR | 69 | Improved Super Sweets | 36 |
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| Signature XR | 72 | Improved Super Sweets | 36 |
| Temptation | 72 | SE | 34 |
| Temptation II | 72 | SE | 30 |
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| Anthem XR II | 74 | SH2 | 30 |
| Superb MXR | 74 | Improved Super Sweets | 36 |
| Tiger Shark II | 74 | SH2 | 30 |
| Xanadu | 74 - 75 | Improved Super Sweets | 37 |
| Allure | 75 | Synergistic | 35 |
| Ambrosia | 75 | SE | 34 |
| Nirvana | 75 | Improved Super Sweets | 37 |
| Nectar | 76 | Synergistic | 35 |
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| Cosmic | 78 | Improved Super Sweets | 37 |
| Elysian | 78 | Improved Super Sweets | 37 |
| Essence | 78 | Synergistic | 35 |
| Matriarch | 78 | SH2 | 32 |
| Octane | 78 | Improved Super Sweets | 37 |
| SV9014SB | 78 | Synergistic | 30 |
| Enchanted | 79 | Improved Super Sweets | 37 |
| Montauk | 79 | Synergistic | 35 |
| Patriarch | 79 | SH2 | 32 |
| 7143 | 80 | SH2 | 37 |
| Obsession II | 80 | SH2 | 30 |
| Skyray | 80 | Improved Super Sweets | 37 |
| Stamina MXR | 80 | Improved Super Sweets | 37 |
| BC 0528 | 81 | Synergistic | 32 |
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| SV9010SA | 81 | SH2 | 30 |
| BC 0805 | 82 | Synergistic | 32 |
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| Remedy | 82 | Synergistic | 32 |
| Serendipity | 82 | Synergistic | 35 |
| Delectable | 84 | SE | 34 |
| | | | |

| WHITE | ▼ Relative Maturity | Genetic Type | Page # |
|----------------|---------------------------|-----------------------|--------|
| Leadoff MXR | 69 | Improved Super Sweets | 39 |
| Eden RMN | 74 | Improved Super Sweets | 39 |
| Diamond Mine | 76 | Synergistic | 39 |
| Glacial | 76 | Improved Super Sweets | 39 |
| Mirage | 78 | Synergistic | 39 |
| Starfighter II | 79 | SH2 | 30 |
| Milky Way | 82 | Synergistic | 32 |

| VELLOW | ▼ Relative | | - " |
|----------------|---------------|-----------------------|--------|
| YELLOW | Maturity | Genetic Type | Page # |
| Café | 68 | Synergistic | 40 |
| Takeoff MXR | 69 | Improved Super Sweets | 41 |
| Equinox | 70 | Improved Super Sweets | 41 |
| Icon XR | 72 | Improved Super Sweets | 41 |
| Inferno | 74 | Synergistic | 40 |
| Bodacious RM | 75 | SE | 40 |
| Gold Nuggets | 75 | SE | 40 |
| Golden Halo | 75 | Improved Super Sweets | 41 |
| Gold Standard | 76 | Synergistic | 40 |
| Crown | 78 | SH2 | 32 |
| Honey Select | 79 | Synergistic | 40 |
| Passion II | 81 | SH2 | 30 |
| SV9012SD | 83 | SH2 | 30 |
| Incredible R/M | 85 | SE | 40 |





















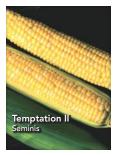


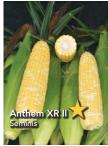






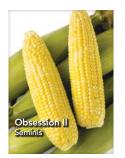






















GROW YOUR BEST SWEET CORN! Our guide features tips from product selection through planting and harvest. Visit our website to download it or request a printed copy.



https://www.ruppseeds.com/vegetables/sweetcorn-guide

| Temptation II 72 Bi-Color 1.9" 16-18 M M FM ** tolerance for first or second early planting SH2 SH2 | CORN | | PERF | PERFORMANCE SERIES ™ | | | | | | Can be sprayed with Roundup Agricultural herbicide. | | |
|--|-------------|--------------------|----------|----------------------|------------|---------|------|-----|-------|---|---|--|
| Temptation II 72 Bi-Color 1.9" 16-18 M M FM ** Compare to Temptation. Has excellent to tolerance for first or second early planting. The string quality and rust protection of An along with added benefits of Roundup. BT traits found in Performance Series sw recommended for first early planting. Tiger Shark II 74 Bi-Color 7 ½ x 1.9" 16-18 R - FM, S **** Traits found in Performance Series sw recommended for first early planting. Tiger Shark II 74 Bi-Color 7 ½ x 1.9" 16-18 R - FM, S **** Traits found in Performance Series sw recommended for first early planting. Tiger Shark II is a midseason bicolor SH early maturity, long ear with refined ker Starfighter II is the biotech version of Straiffs SH2 by very similar to many improved supersw yields. Tompare to Obsession. Straight SH2 by very similar to many improved supersw yields. Tompare to Passion. High quality SH2 by shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight SH2 by Shipping ability. A yellow version of Obsession. Straight | Item # | Variety | Relative | Color | length x | | Rust | NLB | Use | | Features | |
| Temptation II 72 Bi-Color 1.9" 16 - 18 M M FM ** tolerance for first or second early planting. SH2 SH2 | SE | | | | | | | | | | | |
| Eating quality and rust protection of An along with added benefits of Roundup BT traits found in Performance Series sw recommended for first early planting. 74 Bi-Color 7 ½ x 1.9" 16 · 18 R - FM, S **** Tiger Shark II is a midseason bicolor SH early maturity, long ear with refined ker Starfighter II | 02138 | Temptation II | 72 | Bi-Color | | 16 - 18 | М | М | FM | ** | Compare to Temptation. Has excellent cold soil tolerance for first or second early plantings. | |
| Anthem XR II | SH2 | | | | | | | | | | | |
| Tiger Shark II 74 Bi-Color 7 ½ x 1.9" 16 - 18 R - FM, S *** early maturity, long ear with refined ker starfighter II of 6 - 18 R - FM, S *** early maturity, long ear with refined ker offers Northern Leaf Blight protection. Starfighter II is the biotech version of SV offers Northern Leaf Blight protection. Compare to Obsession. Straight SH2 type very similar to many improved supersw yields. Compare to Passion. High quality SH2 very shipping ability. A yellow version of Obsession | 03132 | Anthem XR II 🔌 🗐 | 74 | Bi-Color | 8 x 1.8" | 14 -18 | R | | FM, S | *** | Eating quality and rust protection of Anthem XR along with added benefits of Roundup Ready and BT traits found in Performance Series sweetcorn. Not recommended for first early planting. | |
| Starfighter II is the biotech version of SV offers Northern Leaf Blight protection. Starfighter II is the biotech version of SV offers Northern Leaf Blight protection. Compare to Obsession. Straight SH2 typery similar to many improved supersw yields. Starfighter II is the biotech version of SV offers Northern Leaf Blight protection. Compare to Obsession. Straight SH2 typery similar to many improved supersw yields. Compare to Passion. High quality SH2 very shipping ability. A yellow version of Obsession of Obsession of Obsession II is a series of the s | 03134 | Tiger Shark II 🔌 🧧 | 74 | Bi-Color | 7 ½ x 1.9" | 16 - 18 | R | - | FM, S | *** | Tiger Shark II is a midseason bicolor SH2 variety. Mic early maturity, long ear with refined kernels. | |
| Compare to Obsession. Straight SH2 typery similar to many improved supersw yields. O3082 Passion II 81 Yellow 8 x 1.7" 18 - 20 M S FM, S *** Shipping ability. A yellow version of Obsession of Obsession II 81 Bi-Color 8 x 1.9" 18 - 20 R M FM, S *** Compare to Passion. High quality SH2 very similar to many improved supersw yields. Compare to Passion. High quality SH2 very shipping ability. A yellow version of Obsession of Obsession. Straight SH2 typery similar to many improved supersw yields. Compare to Passion. High quality SH2 very shipping ability. A yellow version of Obsession of Obsession. Straight SH2 typery similar to many improved supersw yields. Compare to Passion II 8 - 20 R M FM, S *** Shipping ability. A yellow version of Obsession of Obsession. Straight SH2 typery similar to many improved supersw yields. Compare to Passion II 8 - 20 R M FM, S *** Shipping ability. A yellow version of Obsession of Obsession. Straight SH2 typery similar to many improved supersw yields. Compare to Passion II 8 - 20 R M FM, S *** Shipping ability. A yellow version of Obsession. Straight SH2 typery similar to many improved supersw yields. Compare to Passion II 8 - 20 R M FM, S *** Shipping ability. A yellow version of Obsession Shipping ability. A yellow version | 03125 | _ | 79 | White | 8 x 1.9" | 16 - 18 | - | - | FM, S | *** | Starfighter II is the biotech version of SV1580SC and offers Northern Leaf Blight protection. | |
| 93082 Passion II 81 Yellow 8 x 1.7" 18 - 20 M S FM, S *** shipping ability. A yellow version of Observation of | 03080 | • 4 | 80 | Bi-Color | | 16 - 20 | M | M | FM, S | *** | Compare to Obsession. Straight SH2 type that eats very similar to many improved supersweets. High-er yields. | |
| 03084 SV9010SA W 81 Bi-Color 8 x 1.9" 18 - 20 R M FM, S *** better rust package and husk package e Compare to 1336. An improved Passion 3086 SV9012SD 83 Yellow 8 x 2" 18 - 20 R S FM, S ** tip cover. Synergistic Maintains the same great taste and eati | 03082 | Passion II | 81 | Yellow | 8 x 1.7" | 18 - 20 | М | S | FM, S | *** | Compare to Passion. High quality SH2 with excellent shipping ability. A yellow version of Obsession. | |
| Compare to 1336. An improved Passion 03086 SV9012SD 83 Yellow 8 x 2" 18 -20 R S FM, S ** tip cover. Synergistic Maintains the same great taste and eati | 03084 | SV9010SA 🔌 📒 | 81 | Bi-Color | 8 x 1.9" | 18 - 20 | R | М | FM, S | *** | Compare to 7143. Improved version of Obsession wi better rust package and husk package eye appeal. | |
| Maintains the same great taste and eati | 03086 | | 83 | Yellow | 8 x 2" | 18 -20 | R | S | FM, S | ** | Compare to 1336. An improved Passion with better tip cover. | |
| Maintains the same great taste and eati | Synergistic | | | | | | | | | | | |
| 04026 X SV9014SB W 78 Bi-Color 7.8 x 1.9" 18 - 20 R M FM **** other high quality synergistic varieties. | 04026 | SV9014SB 🔌 🗐 | 78 | Bi-Color | 7.8 x 1.9" | 18 - 20 | R | М | FM | **** | Maintains the same great taste and eating quality of other high quality synergistic varieties. | |

Performance Series™ sweet corn varieties are the only fresh market sweet corn products featuring the unique weed control benefits of Roundup WeatherMAX® and Roundup PowerMAX® agricultural herbicides. Be sure to read the label and confirm that the chemical you are spraying is 100% glyphosate with no other active ingredients.





30 Corn (Sweet)





Seminis® Performance Series™ sweet corn hybrids; another innovation that performs all season long.

Growing sweet corn might be something your family has done for generations. Or maybe it's the beginning of a new tradition. Either way, when you plant Seminis® Performance Series® sweet corn, you and your family will enjoy a great-tasting ear that you can eat fresh from the field. Performance Series® sweet corn contains the same great Roundup Ready® technology and protection from select above- and below-ground insect pests that row crop farmers are already familiar with.

Key Management Practices to Maximize Quality and Yield:

- Scouting for Corn Earwom should begin prior to first silk & continue through harvest
- · Use traps to monitor & count adult moths in the area
- Spray programs will be needed to maximize marketable yield

Documents Required for Performance Series Corn In order to purchase Performance Series sweet corn, you must have a valid

In order to purchase Performance Series sweet corn, you must have a valid Bayer Technology License. If you are licensed, please include your license number on the order form in the space provided.

If you are not licensed you may visit traits.bayer.ca/en/stewardship or call 1-888-283-6847 to request an application, or we can mail you a 2025 Bayer Technology/Stewardship Agreement to fill out prior to us shipping your seed. Allow 3 - 4 weeks for mailed application to be processed.



Additional information can be found in Bayer's Technology Use Guide found at the following link: $\underline{www.ruppseeds.com/BayerTUG}$

Note: Performance Series sweet corn packages cannot be repackaged or resold. Customers need to be licensed and must be the operator/grower for all fields where the seed will be planted. Not available for purchase or use in certain counties of Oregon and Idaho.

| CORN PERFORMANCE | CORN PERFORMANCE SERIES™ | | | | | |
|--|---------------------------------|-------|-------|--|--|--|
| Price per 1,000 seeds (M) | 2.5M | 25M | 100M | | | |
| SE | | | | | | |
| 02138 Temptation II Cruiser | | 20.05 | 19.06 | | | |
| SH2 | | | | | | |
| 03132 Anthem XR II Cruiser | 23.65 | 22.50 | 21.42 | | | |
| 03080 Obsession II Cruiser | 23.80 | 22.65 | 21.53 | | | |
| 03082 Passion II Cruiser | | 22.20 | 21.11 | | | |
| 03125 Starfighter II Cruiser | | 21.95 | 20.90 | | | |
| 03084 SV9010SA Cruiser | 23.90 | 22.75 | 21.63 | | | |
| 03086 SV9012SD Cruiser | 23.00 | 21.90 | 20.84 | | | |
| 03134 Tiger Shark II Cruiser | | 22.40 | 21.32 | | | |
| Synergistic | | | | | | |
| 04026 SV9014SB ^{Cruiser} | 21.35 | 20.30 | 19.32 | | | |

| Cruiser [®] | 3) |
|----------------------|----|
|----------------------|----|

Cruiser seed treatment insecticide guards against a broad spectrum of early season sucking and chewing insect pests in beans and sweet corn. By protecting the crop from the start, growers can improve stand establishment, enhance plant vigor and increase yield potential. http://www.syngenta-us.com/crop-protection/seed-treatment/products



Cruiser treated items are highlighted in purple in the price tables.

Look for this symbol in the product description tables marking Cruiser treated items.

| | Seminis Performance Series™ | Syngenta Attribute® I | Syngenta Attribute® Plus | Syngenta Attribute® II |
|----------------------------------|-----------------------------------|--------------------------|--------------------------------|------------------------------|
| Key Sweet Corn Pest | | | | |
| European Corn Borer | Е | Е | Е | Е |
| Corn Earworm | F* | F* | E* | E* |
| Fall Armyworm | E | G | E | Е |
| Black Cutworm | | | VG | VG |
| Additional Above-Ground P | ests | | | |
| Southwestern Corn Borer | Х | | Х | Х |
| Sugarcane Corn Borer | Х | | Х | Х |
| Common Stalk Corn Borer | Х | | Х | Х |
| Southern Cornstalk Corn Borer | Х | | Х | Х |
| Beet Armyworm | | | Х | Х |
| Dingy Cutworm | | | Х | Х |
| Western Bean Cutworm | | | Х | Х |
| Additional Below-Ground P | ests | | | |
| Western Corn Rootworm | Х | | | |
| Northern Corn Rootworm | Х | | | |
| Mexican Rootworm | Х | | | |
| Protein | Cry1A.105, Cry2Ab | Cry1Ab | Vip3A, Cry1Ab | Vip3A, Cry1Ab |
| Herbicide Tolerance | Glyphosate | Glufosinate | Glufosinate | Glyphosate Glufosinat |

Key: E= Excellent, VG= Very Good, F= Fair, G= Good

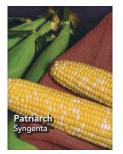


32











| CORN | | ATTRIE | BUTE® | Insect Prote | ection | | Can be sprayed with glufosinate herbicide. | | | |
|--------|---------------|---------------------------|-----------------|----------------------------------|----------------|---|--|-----|----------|--|
| Item # | Variety | ▼ Relative Maturity | Color | Ear Size length x diameter | Kernel Rows | ======================================= | | Use | Features | |
| | M | • | | | | | | FM, | | |
| 04207 | BC 0528 143 | 81 | Bi-color | 8 ¼ x 1.9" | 16 - 18 | - | - | HG | **** | Bt version of Primus. |
| 04019 | BC 0805 W 143 | | arieties are re | esistant to Liberty | | ey may | | | | A rust resistant, Bt version of Providence. corn herbicides as well as Liberty {glufosinate} herbicides. Be sure the ractive ingredients. |

CORN

ATTRIBUTE® PLUS Insect Protection

Can be sprayed with glufosinate herbicide.

| Item# | Variety | ▼ Relative Maturity | Color | Ear Size length x diameter | Kernel Rows | Rust | NLB | Use | Eating Quality | Features |
|-------------|-----------------|---------------------------|---|----------------------------------|----------------|------|-----|-----------|-------------------|--|
| 03230 | Crown 🔌 📶 | 78 | Yellow | 8 x 2" | 16 | R | | FM, S | **** | An Attribute Plus that is a strong uniform plant with uniform ears. |
| 03108 | Patriarch 🔌 143 | 79 | Bi-color | 8 x 2" | 16 | R | - | FM, S | *** | Augmented supersweet variety with excellent adaptability. Possesses girthy ear with great tip fill. Robust Attribute Plus package. |
| Synergistic | | | | | | | | | | |
| 04042 | Milky Way 🗞 🛺 | 82 | White | 8 ¼ x 1.8" | 16 | R | - | FM, HG | *** | Offers improved insect resistance and tolerance to Liberty herbicide through the Attribute Plus trait stack. |
| _ | | | Attribute® varieties are resistant to Liberty herbicides. They may be sprayed with conventional corn herbicides as well as Liberty {glufosinate} herbicides. Be sure to read the label and confirm that the chemical you are spraying is 100% glufosinate with no other active ingredients. | | | | | | | |

| CORN | | ATTRII | ATTRIBUTE® II Insect Protection | | | | | | | Can be sprayed with glufosinate and glyphosate. | | |
|-----------|--------------------|---------------------------|---------------------------------|----------------------------------|----------------|------|-----|-----------|-------------------|---|--|--|
| Item # | Variety | ▼ Relative Maturity | Color | Ear Size length x diameter | Kernel Rows | Rust | NLB | Use | Eating Quality | Features | | |
| SH2 | | | | | | | | | | | | |
| 03225 | Matriarch 🔌 📶 | 78 | Bi-color | 7.75 x 2" | 16 - 18 | R | | FM, S | **** | A strong Attribute II plant that will do well at higher plant populations. | | |
| Synergist | tic | | | | | | | | | | | |
| 04055 | Quick Trip 🔌 🔼 | 72 | Bi-color | 7.5 x 1.8" | 14 - 16 | - | - | FM | *** | A bi-color, TripleSweet type, it boasts a dark green husk with nice flags. Maximum planting population 20,000 per acre. | | |
| 04057 | Revision ѝ 📶 | 76-78 | Bi-color | 8 x 1.8" | 14 - 16 | | - | FM, S | *** | Attrbute II, TripleSweet, Remedy replacement. | | |
| 04043 | Remedy 🗞 143 & 144 | 82 | Bi-color | 8 ½ x 1.9" | 16 | R | - | FM, HG | *** | LIMITED SUPPLY A BC 0805 type with improved insect resistance. *An additional waiver needs to be signed for this variety. | | |
| | | | | | | | | | | inate} herbicides and glyphosate herbicides. Be sure to read the ith no other active ingredients. | | |

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High Quality, Picture Perfect Ears

Attribute*, Attribute Plus and Attribute II trait stacks from Syngenta are a viable crop strategy for sweet corn growers throughout the country. Commercially grown since 1998, Attribute sweet corn seeds provide a high level of aboveground protection against European corn borers and corn earworms throughout the growing season. With Attribute sweet corn, growers have another option for harvesting outstanding yields of high-quality sweet corn that meets market needs. When managed in accordance with the recommendations outlined in the stewardship agreement, Attribute sweet corn can be a valuable addition to your crop management strategy for many years to come.

Attribute Plus sweet corn seeds further extends the high-yielding potential for sweet corn growers with added Vip3A. This additional trait features greater spectrum of insect control providing a high level of above-ground protection against European corn borers and corn earworms. In addition to improved insect control, Attribute Plus also features tolerance to glufosinate herbicide for added field advantage.

The introduced Attribute II trait stack continues the Syngenta tradition of providing high performance traits to sweet corn growers, and now it has the added power of Vip3A - a unique mode of action proprietary to Syngenta. The combination of Vip3A with Cry1Ab, the protein found in Attribute sweet corn varieties, offers excellent control of key yield-robbing insects including European corn borer, corn earworm and fall armyworm and Western bean cutworm. Attribute II* varieties may be sprayed with conventional corn herbicides or either Liberty (glufosinate) herbicides and glyphosate herbicides.

Additional information on the Attribute products can be found at the following link: www.ruppseeds.com/Attribute

Attribute' is a registered trademark of a Syngenta Group Company. LibertyLink', Liberty' and the Water Droplet logo are registered trademarks of Syngenta.

Documents Required for ALL Attribute Corns:

If you purchase Attribute sweet corn, you are required by the EPA to fill out and sign a Stewardship Agreement for your farm. If you already have an Attribute license, please include your license number on your order form in the space provided.



The Attribute Grower Stewardship Agreement can be found on page 143. You may also obtain your Attribute license by visiting www.ruppseeds.com/Agcelerate.

| CORN ATTRIBUTE® Insect Protection | | M=1,000 seeds |
|---|-------|---------------|
| Price per 1,000 seeds (M) | 25M | 100M |
| Synergistic | | |
| 04207 BC 0528 Cruiser | 18.35 | 17.43 |
| 04019 BC 0805 ^{Cruiser} | 17.45 | 16.59 |

| CORN ATTRIBUTE PLUS® Insect Protection | | | | | | | | |
|--|-------------------|----------------------------|--|--|--|--|--|--|
| 2.5M | 25M | 100M | | | | | | |
| | | | | | | | | |
| 24.95 | 23.75 | 22.60 | | | | | | |
| | 22.90 | 21.79 | | | | | | |
| | | | | | | | | |
| 24.15 | 23.00 | 21.89 | | | | | | |
| | 2.5M 24.95 | 2.5M 25M 24.95 23.75 22.90 | | | | | | |

| CORN ATTRIBUTE II® Ins | M | =1,000 seeds | | | | | | |
|-------------------------------------|-------|--------------|-------|--|--|--|--|--|
| Price per 1,000 seeds (M) | | | | | | | | |
| SH2 | | | | | | | | |
| 03225 Matriarch Cruiser | 23.75 | 22.60 | 21.50 | | | | | |
| Synergistic | | | | | | | | |
| 04055 Quick Trip Cruiser | 24.55 | 23.35 | 22.21 | | | | | |
| 04043 Remedy Cruiser Limited Supply | | 24.35 | 23.15 | | | | | |
| 04057 Revision Cruiser | 24.85 | 23.65 | 22.52 | | | | | |

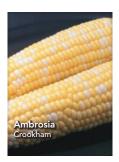


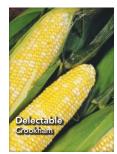
sucking and chewing insect

pests in beans and sweet corn. Cruiser® treated items are either highlighted in this purple color or feature the Cruiser® symbol.









EATING QUALITY RATING ****

Our Rupp 5 Star sweet corn eating quality ratings are based on **real-world tastings** in multiple locations across various growing regions.

Sweet corn is rated on **sweetness, tenderness,** and **corn flavor** and then listed to give you a guide as to what many consider to be a good tasting sweet corn. Participants range from growers to fresh market operators to the general consumer.

| CORN | | BI-CO | BI-COLOR SE | | | | | | | |
|--------|--------------|---------------------------|---------------|----------------------------------|----------------|------|-----|-----------|-------------------|--|
| Item # | Variety | ▼ Relative Maturity | Ear Height | Ear Size length x diameter | Kernel Rows | Rust | NLB | Use | Eating Quality | Features |
| 02137 | Temptation 💜 | 72 | 18" | 8 x 1.8" | 16 | S | S | FM | ** | A Seminis product for the first early slot. Has excellent cold soil emergence. |
| 02126 | Ambrosia | 75 | 20" | 8 x 2" | 16 | S | М | FM, HG | *** | A bi-color version of Bodacious with good vigor. |
| 02132 | Delectable | 84 | 26" | 9 x 2.1" | 18 | M | М | FM, HG | **** | Bi-color version of Incredible. Large ear, dark green husk. |

| CORN BI-COLOR SE | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|--------|--|--|--|--|
| Priced per pound in these package sizes | 1# | 5# | 25# | 100#* | 500#* | 1250#* | | | | |
| 02126 Ambrosia | 24.50 | 23.00 | 22.00 | 21.25 | 20.75 | 20.50 | | | | |
| 02132 Delectable | 24.45 | 22.95 | 21.95 | 21.20 | 20.70 | 20.45 | | | | |
| Price per 1,000 seeds (M) | | | | | | | | | | |
| 02137 Temptation Cruiser | 11.35 | 10.60 | 10.05 | 9.60 | 9.30 | 9.15 | | | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | | | | |

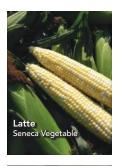
| CORN BI-COLOR | Synergi | stic | | | M=1 | ,000 seeds |
|--|------------|-------------|--------------|-----------|-------|------------|
| Price per 1,000 seeds (M) | 2.5M | 10M | 25M | 100M | 500M* | 2500M* |
| 04009 Allure Cruiser | 15.80 | 15.05 | 14.50 | 14.05 | 13.75 | 13.60 |
| 04044 Cappuccino Cruiser | 15.40 | 14.65 | 14.10 | 13.65 | 13.35 | 13.20 |
| 04039 Essence Cruiser | 16.20 | 15.45 | 14.90 | 14.45 | 14.15 | 14.00 |
| 04505 Evolution Cruiser | 16.55 | 15.80 | 15.25 | 14.80 | 14.50 | 14.35 |
| 04032 Latte Cruiser | 16.65 | 15.90 | 15.35 | 14.90 | 14.60 | 14.45 |
| 04021 Montauk ^{Cruiser} | 15.20 | 14.45 | 13.90 | 13.45 | 13.15 | 13.00 |
| 04052 Nectar ^{Cruiser} | 15.05 | 14.30 | 13.75 | 13.30 | 13.00 | 12.85 |
| 04210 Primus Cruiser | 15.20 | 14.45 | 13.90 | 13.45 | 13.15 | 13.00 |
| 04214 Profit Cruiser | 14.80 | 14.05 | 13.50 | 13.05 | 12.75 | 12.60 |
| 04014 Providence Cruiser | 12.15 | 11.40 | 10.85 | 10.40 | 10.10 | 9.95 |
| 04013 Serendipity Cruiser | 11.30 | 10.55 | 10.00 | 9.55 | 9.25 | 9.10 |
| 04047 Sweetness Cruiser | 14.80 | 14.05 | 13.50 | 13.05 | 12.75 | 12.60 |
| 04049 Temptress Cruiser | 15.05 | 14.30 | 13.75 | 13.30 | 13.00 | 12.85 |
| * Multiple packages may | be used to | fill orders | for these qu | antities. | | |

| CORN BI-COLOR S | H2 Ext | ra Swee | et & Imp | proved S | Super Sw | eets |
|--|--------|---------|----------|----------|----------|--------|
| Price per 1,000 seeds (M) | 2.5M | 10M | 25M | 100M | 500M* | 2500M* |
| 03199 7143 Cruiser | 13.90 | 13.15 | 12.60 | 12.15 | 11.85 | 11.70 |
| 03003 Anthem XR Cruiser | 16.25 | 15.50 | 14.95 | 14.50 | 14.20 | 14.05 |
| 03245 Bolt XR ^{Cruiser} | 17.05 | 16.30 | 15.75 | 15.30 | 15.00 | 14.85 |
| 03218 Cadence XR Cruiser | 15.85 | 15.10 | 14.55 | 14.10 | 13.80 | 13.65 |
| 03248 Cosmic Cruiser | 16.55 | 15.80 | 15.25 | 14.80 | 14.50 | 14.35 |
| 03102 Cumberland Cruiser | 13.65 | 12.90 | 12.35 | 11.90 | 11.60 | 11.45 |
| 03258 Dash Cruiser | 16.85 | 16.10 | 15.55 | 15.10 | 14.80 | 14.65 |
| 03255 Elysian Cruiser | 17.00 | 16.25 | 15.70 | 15.25 | 14.95 | 14.80 |
| 03039 Enchanted Cruiser | 15.05 | 14.30 | 13.75 | 13.30 | 13.00 | 12.85 |
| 03037 Hero XR ^{Cruiser} | 16.40 | 15.65 | 15.10 | 14.65 | 14.35 | 14.20 |
| 03103 Honey & Pearl | 12.10 | 11.35 | 10.80 | 10.35 | 10.05 | 9.90 |
| 03233 Ignition Cruiser | 16.05 | 15.30 | 14.75 | 14.30 | 14.00 | 13.85 |
| 03038 Kickoff XR Cruiser | 16.40 | 15.65 | 15.10 | 14.65 | 14.35 | 14.20 |
| 03025 Nirvana Cruiser | 16.80 | 16.05 | 15.50 | 15.05 | 14.75 | 14.60 |
| 03235 Octane Cruiser | 16.55 | 15.80 | 15.25 | 14.80 | 14.50 | 14.35 |
| 03215 Signature XR Cruiser | 16.70 | 15.95 | 15.40 | 14.95 | 14.65 | 14.50 |
| 03201 Skyray Cruiser | 12.75 | 12.00 | 11.45 | 11.00 | 10.70 | 10.55 |
| 03109 Solstice Cruiser | 17.00 | 16.25 | 15.70 | 15.25 | 14.95 | 14.80 |
| 03247 Stamina MXR Cruiser | 16.40 | 15.65 | 15.10 | 14.65 | 14.35 | 14.20 |
| 03246 Superb MXR Cruiser | 16.60 | 15.85 | 15.30 | 14.85 | 14.55 | 14.40 |
| 03122 Tempo XR ^{Cruiser} | 16.45 | 15.70 | 15.15 | 14.70 | 14.40 | 14.25 |
| 03119 Xanadu ^{Cruiser} | 17.10 | 16.35 | 15.80 | 15.35 | 15.05 | 14.90 |
| Xtra Tender 274A 03174 ^{Cruiser} | 15.75 | 15.00 | 14.45 | 14.00 | 13.70 | 13.55 |

^{*} Multiple packages may be used to fill orders for these quantities.

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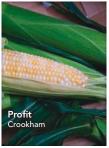
Corn (Sweet)

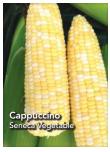


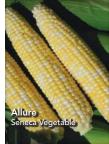


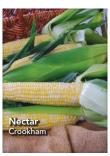


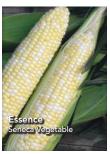


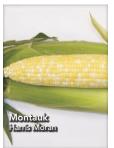




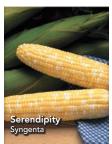












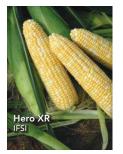
| CORN | | BI-CO | LOR Syr | nergistic - p | ant them | with S | SE's | | | Pricing on page 34 |
|----------|---------------|---------------------------|---------------|----------------------------------|----------------|--------|------|--------|-------------------|--|
| ltem # | Variety | ▼ Relative Maturity | Ear Height | Ear Size length x diameter | Kernel Rows | Rust | NLB | Use | Eating Quality | Features |
| 04032 | Latte 🕏 | 68 | 20" | 7 ½ - 8 x 1.7" | 12 - 16 | - | - | FM | ** | First early variety with excellent ear length in this class. Very good eating corn with a dark green husk package. |
| 04047 | Sweetness 🕏 | 68 | 18" | 8x1.8" | 14-16 | IR | IR | FM, HG | ** | Sweetness begins with excellent emergence and vigor and continues with a sturdy plant that produces a nice ear with solid tip fill. It has a protective package that makes a nice presentation for the consumer. |
| 04049 | Temptress 🕏 | 70 | 16" | 7 ¾ x 2" | 14 - 16 | R | М | FM, HG | **** | First "Quad Sweet" variety in our sweet corn lineup. Has an attractive ear with an eye-catching husk package. Moderately good cool soil emergence. |
| 04505 NE | Evolution 🔌 | 72 | 18" | 8 X 2" | 16-18 | М | М | FM, HG | *** | Evolution has an attractive husk package, good cold soil emergence, and an outstanding eating quality. |
| 04214 | Profit 🕏 | 72 | 22" | 8 x 1.8" | 14 | М | M | FM, HG | *** | A proven variety with a track record of satisfying customers, Profit has very large ears with attractive flags, good husk cover and tip fill. |
| 04044 | Cappuccino 🕏 | 73 | 17" | 7 ½ - 8 x 1.9" | 16 | М | М | FM, HG | *** | Plant mid to late season or for rain gap filler. Excellent disease package. |
|)4009 | Allure 💜 | 75 | 25" | 8 x 1.8" | 16 | R | R | FM, HG | *** | A hybrid with good early vigor. Nice husk package with great eating quality and flavor. |
|)4052 | Nectar 🔷 | 76 | 18" | 8 ¼ x 1.9" | 14 - 16 | - | MR | FM, HG | **** | Very good eating quality. Excellent ear size for roadside markets. High quality package includes dark husk color and flags. Stalk has solid standability. |
|)4039 | Essence 🕏 | 78 | 18" | 8 x 1.8" | 16 - 18 | М | М | FM | *** | Excellent eating quality. High row count for a refined kernel. Compare to Providence with earlier maturity. |
| 04021 | Montauk 🕏 | 79 | 18" | 8 x 1.8" | 16 - 20 | S | М | FM | *** | A widely adapted hybrid with good vigor, high yields and excellent flavor. |
|)4210 | Primus 🕏 | 81 | 18" | 8 x 2" | 14 -16 | М | S | FM | **** | A proven TripleSweet PLUS variety from Syngenta with approximately 15% higher sugar than Providence. Performs well under plastic and in late plantings. |
| 04014 | Providence 🕏 | 82 | 18" | 8 ½ x 1.9" | 16 - 18 | R | S | FM | *** | A rust resistant version of Serendipity with excellent eating quality. |
| 04013 | Serendipity 🕏 | 82 | 18" | 8 x 1.9" | 16 - 18 | S | S | FM, HG | **** | A variety with an added supersweet kick for extended shelf life and higher eating quality. |



















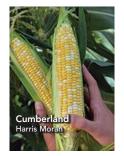




| CORN | | BI-CO | LOR SH | 2 and Impro | ved Supe | er Swe | ets | | | Pricing on page 34 |
|---------|--------------------|---------------------------|---------------|----------------------------------|----------------|--------|-----|-----------|-------------------|--|
| Item # | Variety | ▼ Relative Maturity | Ear Height | Ear Size length x diameter | Kernel Rows | Rust | NLB | Use | Eating Quality | Features |
| 03245 | Bolt XR 🔕 | 67 | 16" | 7.25 x 1.8" | 14-18 | R | М | FM | *** | A first early planting, bi-color fresh market hybrid, with first class eating quality. Excellent husk coverage and tip fill. A dark green husk package and sound ear size make Bolt XR an ideal hybrid for roadside stands. |
| 03258 N | EW Dash \delta | 68 | 24" | 7.5 X1.9' | 16 | IR | IR | FM | *** | Dash is a high quality, first early sweet corn, with good vigor and Crookham's proven eating quality. Will pair well with Solstice and Xanadu in the second planting slot. Dash features a good ear and plant size for its maturity. |
| 03038 | Kickoff XR 🕏 | 69 | 28" | 8 ¼ x 1.9" | 16-18 | М | MS | FM, S | *** | Impeccable eating quality for early in the season. Very good white to yellow kernel contrast. Strong tip fill. Tolerant to HPPD/ALS. |
| 03109 | Solstice 🗘 🍜 | 70 | 20" | 7.5 x 1.8" | 16 | - | M | FM | **** | Solstice is an early 70 day maturity. Has strong emergence, good ear size, a strong husk covered tip and exceptional tip fill. A quick snap for ease in picking and a short shank for packaging. |
| 03037 | Hero XR 🐿 | 71 | 23" | 7 ¾ x 1.8" | 14-16 | R | MS | S | ** | Excellent early variety with great husk protection. Kernels fill beautifully to form a very attractive ear early in the season. Tolerant to HPPD/ALS. |
| 03174 | Xtra Tender 274A 🕏 | 71 | 23" | 8 x 2" | 18 - 20 | S | S | FM, HG | *** | An IFSI bi-color hybrid with excellent cold soil vigor and fantastic eating quality. Has medium long husk protection. Tolerant to HPPD/ALS. |
| 03233 | Ignition 🕏 | 72 | 23" | 8" x 1.8" | 16 - 18 | IR | IR | FM, HG | *** | lgnition is a 72 day bi-color with strong cold soil emergence, a tender bite and consistent high yield potential with a high quality ear. |
| 03215 | Signature XR 🕏 | 72 | 27" | 8 x 1.8" | 16-18 | R | - | FM | **** | It has phenomenal IFSI Reserve eating quality. An attractive husk, excellent holding ability in the field, strong husk cover, and great ear size make Signature XR the choice for quality driven fresh markets. |
| 03003 | Anthem XR 🕏 | 73 | 24" | 8 x 1.8" | 16 - 20 | R | M | FM, S | *** | LIMITED SUPPLY Excellent yield potential and better than average lodging tolerance. Superb eating quality. Great all season long. |
| 03246 | Superb MXR 🕏 | 74 | 28" | 8 X 1.9" | 16-18 | R | MS | FM, S | **** | Superb MXR's large ear size, improved husk protection and ability to handle difficult growing seasons make it an excellent, high -yielding, choice for mid-season markets. |
| | | | | | | | | | | More varieties on the next page> |

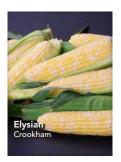
Corn (Sweet)



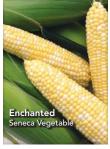




















| CORN | | BI-CO | LOR SH | 2 and Impro | ved Supe | er Swe | eets | | | Pricing on page 34 |
|--------|-----------------|---------------------------|---------------|----------------------------------|----------------|--------|------|-----------|-------------------|---|
| Item # | Variety | ▼ Relative Maturity | Ear Height | Ear Size length x diameter | Kernel Rows | Rust | NLB | Use | Eating Quality | Features |
| 03119 | Xanadu ѝ 🚅 | 74 - 75 | 25" | 8 x 2" | 16 - 18 | R | R | FM, HG | **** | Xanadu, being part of the Nirvana series, incorporates a stronger plant, higher ear placement and improved disease resistance while maintaining exceptional eating quality, consumer appeal, and great vigor. |
| 03025 | Nirvana ѝ ଙ | 75 | 24" | 8 x 1.8" | 16 | М | R | FM, HG | **** | Combination of great vigor and emergence along with fantastic flavor and texture. |
| 03122 | Tempo XR 🕏 | 76 | 26" | 8 x 2" | 16-20 | R | MS | FM | *** | Tempo XR has excellent husk protection and consistent tip fill across varying environmental conditions. Tempo XR has a great ear size for mid-season roadside and fresh markets. |
| 03102 | Cumberland 🔌 | 77 | 30" | 8 x 1.9" | 16-18 | R | | FM | *** | Prolific variety with attractive ear and husk package. Sweet flavor and fantastic texture. Ideally grown for retail stands and farm markets. |
| 03218 | Cadence XR 💜 | 78 | 25" | 7.75 x 2" | 16 - 20 | R | MS | FM, S | *** | Cadence XR is a full season high eating quality hybrid with ideal ear size for roadside markets. Cadence XR has an attractive husk package with good flag leaves and resistance to common rust. |
| 03248 | Cosmic 💜 | 78 | 24" | 8-8.25 X 2" | 18-20 | R | R | FM, HG | **** | This large eared variety will provide ample sweet corn. Cosmic has multigenic rust resistance, and strong tolerance to northern corn leaf blight. Do not use early. |
| 03255 | Elysian 🔌 🐠 | 78 | 24" | 8 x 1.9" | 16-18 | R | М | FM, HG | **** | Elysian has an excellent husk and disease package. Remarkable flavor with a long harvest window. |
| 03235 | Octane 🕏 | 78 | 26" | 8 x 1.8" | 16 - 18 | IR | - | FM, HG | *** | A 78 day outstanding quality sweet corn with extremely tender kernels and high sugars. Octane will hold on the plant for an extended period of time. Do not use early. |
| 03039 | Enchanted 🔷 | 79 | 28" | 8 x 2" | 18 - 20 | М | М | FM, HG | **** | All the flavor and texture you would expect from an augmented farm market hybrid. Plump, sweet kernels. |
| 03199 | 7143 EX08767143 | 80 | 26" | 8 x 1.9" | 18 - 20 | R | М | S | *** | An improved version of Obsession that has a better rust package, eye appeal and eating quality. |
| 03201 | Skyray 🔌 | 80 | 26" | 8x1.8" | 18-20 | | М | FM | *** | Skyray offers a nice large ear with excellent tenderness and eating quality. Similar to Obession. |
| 03247 | Stamina MXR 💜 | 80 | 28" | 8 X 2" | 16-18 | R | MS | FM, HG | *** | A late season, fresh market variety with exceptional eating quality, strong tip fill, ideal ear size, and excellent disease package. |

MANAGING INSECTS IN SWEET CORN

Corn Ear Worm is the greatest threat to sweet corn growers across the Midwest and Northeast - creating the potential for our customers to lose profits. We have heard reports from growers and university researchers that not all insecticides are created equal and do not provide adequate control that is needed. Labels often do not communicate its effectiveness on potential resistant insect populations. Each growing region may have varying degrees of resistance. It is best to contact local extension personnel or chemical retailers to see what works best in your growing region. It is a best management practice to always rotate modes of actions.

We have put together a "Sweet Corn Growing Guide" to help growers monitor and combat these profit robbing insects. We also have a helpful section titled "Insect Scouting Resources" (below, right). Please feel free to call the office (800-700-1199) to request your copy of our "Sweet Corn Growing Guide" to find other helpful tips and ways to control other Lepidoptera that can cause severe damage to sweet corn such as: European corn borer, fall armyworm and Western bean cut worm.

MONITORING EUROPEAN CORN BORER AND CORN EARWORM

One of the keys to successfully managing European corn borers and corn earworms on sweet corn is to determine when the insects are active. European corn borers can be monitored effectively with blacklight traps and field observations, and corn earworms can be monitored with pheromone traps. When moths are being caught in the traps, it means they are laying

Corn borer eggs are laid on leaves, usually on the undersides, in the region of the ear. Larvae feed on the leaves and later may migrate to the ears (if present).

Corn earworm moths lay their eggs directly on green silks. The larvae that hatch from those eggs will follow the silks down into the tips of the ears.

Because these two insects' egg laying behavior differ, control strategies also differ. Corn borers can be controlled by spraying during the late whorl, tasselling, and silking stages. The migrating larvae should contact a lethal dose of insecticide while moving to the ear zone. Corn earworms must be controlled by directing sprays at the silks so larvae will immediately contact the insecticide after hatching.

For corn borers, treat during the late whorl stage if 20 percent or more of the plants show larval feeding. The presence of large numbers of moths in light traps also justifies treatment. One application during the late whorl stage, followed by additional treatments every five days up until seven days of harvest, usually provides adequate control.

For corn earworms, treatment is justified if fresh green silks are present and moths are being caught in pheromone traps. In general, the higher the moth catches, the shorter the interval between sprays. If fewer than five moths are being caught per night, a five-day spray interval should be adequate. As moth catches approach 50 to 100 per night, a two- to three-day spray interval would be more appropriate. Determining the spray

interval exactly depends on many factors, including how much damage you can tolerate, the crop's value, and the cost and effectiveness of the insecticide. Stop treating for corn earworms when 90 percent of the silks are brown.

Obviously, growers should not treat separately for these two pests. Some of the insecticides recommended here are effective against both species. Choose insecticides that are more effective against the particular pest that is most prevalent at the time of application. If both pests are present, choose an insecticide that will adequately control both.

INSECT PROTECTED VARIETIES

Insect protected sweet corn varieties such as Syngenta's Attribute, Attribute Plus, and Attribute II Insect Protected corn and the Performance Series from Seminis should be considered as they will allow the grower to decrease the number of sprays that need to be applied. While these products have a built in resistance to some insects, they do not eliminate the need for insect scouting and occasional spraying. Using these varieties in combination with a reduced spray program will lead to great results. The extra investment in seed cost pays off in reduced spray and fuel costs as well as less time in the fields, making insect protected varieties an interesting alternative.

Wire traps and lures are available from several sources. A quick search on-line will guide you to many retailers including Gempler's.

INSECT SCOUTING RESOURCES

www.ruppseeds.com/InsectForecast

Learn more about current corn insect pressure.



www.ruppseeds.com/NYSweetCorn

This is a link to the NY Sweet Corn Trap Network Report. It also contains a mountain of information on best management practices for sweet corn growers. They also have several fact sheets on individual pest as well as videos on how to set up and maintain your own Trap and Monitoring system.





GROW YOUR BEST SWEET CORN!

Our guide features tips from product selection through planting and harvest. Visit our website to download it or request a printed copy.



https://www.ruppseeds.com/vegetables/sweetcorn-guide













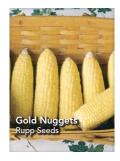
| CORN | | WHITE | WHITE Synergistic - plant them with SE's | | | | | | | | | |
|-------|----------------|---------------------------|--|----------------------------------|----------------|------|-----|-----|-------------------|--|--|--|
| Item# | Variety | ▼ Relative Maturity | Ear Height | Ear Size length x diameter | Kernel Rows | Rust | NLB | Use | Eating Quality | Features | | |
| 03249 | Diamond Mine 🐿 | 76 | 30" | 8" X 1.8" | 16-18 | | M | FM | **** | Has exceptional eating quality and glossy white kernels. This tall, sturdy plant has good ear height and features excellent tip fill and husk protection. White version of Nectar. | | |
| 04016 | Mirage 🔷 | 78 | 18" | 8 x 1.8" | 16 - 18 | М | М | FM | *** | Excellent eating quality. High row count for a refined kernel. High yield potential. White version of Essence. | | |

| CORN | N _ | WHITE SH2 Extra Sweet & Improved Super Sweets | | | | | | | | | |
|-------|----------------|---|---------------|----------------------------------|----------------|------|-----|--------|-------------------|---|--|
| Item# | Variety | ▼ Relative Maturity | Ear Height | Ear Size length x diameter | Kernel Rows | Rust | NLB | Use | Eating Quality | Features | |
| 03243 | Leadoff MXR 🕏 | 69 | 23" | 7 ¼-8 x 1.9-2" | 16 - 18 | R | М | FM, HG | *** | A first early hybrid with a high kernel row count and good kernel color. Has a great disease package and a very good husk protection. Leadoff the season right with this fresh market and roadside variety. Tolerant to HPPD/ALS. | |
| 03224 | 🛨 Eden RMN 🔌 🍑 | 74 | 26" | 8 x 1.75 - 2" | 16 - 18 | R | R | FM, HG | **** | Eden RMN has an incredible flavor with key improvements: stronger disease package, slightly higher ear height, and a taller plant. It offers a higher level of dependability and will have strong marketshare for growers. | |
| 03100 | ★ Glacial 🕏 | 76 | 26" | 8 x 1.9" | 16 - 18 | - | - | FM, P | **** | Has incredible white kernels that stay white! Very good tip fill and eating quality. Fine addition to a white corn planting program. | |

| CORN WHITE Syner | gistic | | | | M=1 | ,000 seeds | | | | |
|--|--------|-------|-------|-------|-------|------------|--|--|--|--|
| Price per 1,000 seeds (M) | 2.5M | 10M | 25M | 100M | 500M* | 2500M* | | | | |
| 03249 Diamond Mine Cruiser | 15.05 | 14.30 | 13.75 | 13.30 | 13.00 | 12.85 | | | | |
| 04016 Mirage Cruiser | 14.40 | 13.65 | 13.10 | 12.65 | 12.35 | 12.20 | | | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | | | | |

| CORN WHITE SH2 Extra Sweet & Improved Super Sweets | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|--------|--|--|--|--|
| Price per 1,000 seeds (M) | 2.5M | 10M | 25M | 100M | 500M* | 2500M* | | | | |
| 03224 Eden RMN ^{Cruiser} | 17.05 | 16.30 | 15.75 | 15.30 | 15.00 | 14.85 | | | | |
| 03100 Glacial Cruiser | 14.30 | 13.55 | 13.00 | 12.55 | 12.25 | 12.10 | | | | |
| 03243 Leadoff MXR Cruiser | 16.85 | 16.10 | 15.55 | 15.10 | 14.80 | 14.65 | | | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | | | | |





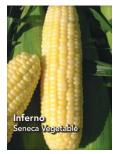


EATING QUALITY RATING ****

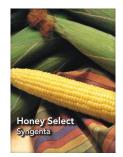
Our Rupp 5 Star sweet corn eating quality ratings are based on **real-world tastings** in multiple locations across various growing regions.

Sweet corn is rated on **sweetness, tenderness,** and **corn flavor** and then listed to give you a guide as to what many consider to be a good tasting sweet corn. Participants range from growers to fresh market operators to the general consumer.









| CORN | | YELLO | YELLOW SE | | | | | | | | | | |
|--------|----------------|---------------------------|---------------|----------------------------------|----------------|------|-----|--------|-------------------|---|--|--|--|
| Item # | Variety | ▼ Relative Maturity | Ear Height | Ear Size length x diameter | Kernel Rows | Rust | NLB | Use | Eating Quality | Features | | | |
| 02055 | Bodacious RM | 75 | 20" | 8 x 1.8" | 18 | R | М | FM, HG | *** | A rust resistant Bodacious, same flavor, superior plant and yield. Give this a try. | | | |
| 02007 | Gold Nuggets 🎷 | 75 | 24" | 8 x 2" | 20 | М | М | FM, HG | *** | The best eating SE, large eared, superior holding. Good for freezer corn. | | | |
| 02056 | Incredible R/M | 85 | 30" | 9 x 2" | 18 | R | М | FM, HG | *** | Rust resistant and MDM resistant Incredible. | | | |

| CORN | | YELLO | YELLOW Synergistic - plant them with SE's | | | | | | | | | |
|--------|-----------------|---------------------------|---|----------------------------------|----------------|--------|-------------------|--|--|--|--|--|
| Item # | Variety | ▼ Relative Maturity | Ear Height | Ear Size length x diameter | Kernel Rows | Use | Eating Quality | Features | | | | |
| 04045 | Café 🔷 | 68 | 15" | 7.75 x 1.7 | 14 | FM, HG | *** | LIMITED SUPPLY Yellow version of Latte. | | | | |
| 04008 | Inferno 슚 | 74 | 18" | 8 ¼ x 1.8" | | , - | *** | LIMITED SUPPLY Has excellent husk cover with a dark green plant and flag leaves, creamy flavor with the right balance of texture. | | | | |
| 04004 | Gold Standard 🕏 | 76 | 28" | 8 x 1.8" | 18 | FM, HG | *** | Gold Standard sets the standard for eating quality in the Yellow Quad class. The strong emergence and plant style also make this variety stand out from its competitors. | | | | |
| 04012 | Honey Select 🕏 | 79 | 18" | 8 ½ x 2" | 18 - 20 | FM, HG | *** | An AAS winner with similar genetic type to Serendipity only yellow kernels. Easy to grow, good vigor, and high sugars. | | | | |

| 1# | 5# | 25# | 100# | 500#* | 1250#* |
|-------------|-------------------------|---|---|---|---|
| 24.20 | 22.70 | 21.70 | 20.95 | 20.45 | 20.20 |
| 22.15 | 20.65 | 19.65 | 18.90 | 18.40 | 18.15 |
| 24.25 | 22.75 | 21.75 | 21.00 | 20.50 | 20.25 |
| e used to f | ill orders fo | or these qua | ntities. | | |
| | 24.20 22.15 24.25 | 24.20 22.70 22.15 20.65 24.25 22.75 | 24.20 22.70 21.70 22.15 20.65 19.65 24.25 22.75 21.75 | 24.20 22.70 21.70 20.95 22.15 20.65 19.65 18.90 | 24.20 22.70 21.70 20.95 20.45 22.15 20.65 19.65 18.90 18.40 24.25 22.75 21.75 21.00 20.50 |

| CORN YELLOW Syn | CORN YELLOW Synergistic M=1,000 see | | | | | | | | | | |
|--------------------------------------|-------------------------------------|---------------|--------------|----------|-------|--------|--|--|--|--|--|
| Price per 1,000 seeds (M) | 2.5M | 10M | 25M | 100M | 500M* | 2500M* | | | | | |
| 04045 Cafe Cruiser Limited Supply | 15.85 | 15.10 | 14.55 | 14.10 | 13.80 | 13.65 | | | | | |
| 04004 Gold Standard Cruiser | 15.05 | 14.30 | 13.75 | 13.30 | 13.00 | 12.85 | | | | | |
| 04012 Honey Select Cruiser | 10.10 | 9.35 | 8.80 | 8.35 | 8.05 | 7.90 | | | | | |
| 04008 Inferno Cruiser Limited Supply | 13.80 | 13.05 | 12.50 | 12.05 | 11.75 | 11.60 | | | | | |
| * Multiple packages may b | e used to f | ill orders fo | or these qua | ntities. | | | | | | | |









| CORN | | YELLC | YELLOW SH2 Extra Sweet & Improved Super Sweets | | | | | | | | | | |
|--------|-----------------|---------------------------|--|----------------------------------|----------------|------|-----|-----------|-------------------|---|--|--|--|
| Item # | Variety | ▼ Relative Maturity | Ear Height | Ear Size length x diameter | Kernel Rows | Rust | NLB | Use | Eating Quality | Features | | | |
| 03223 | Takeoff MXR 🕏 | 69 | 28" | 8 x 1.9" | 16 - 18 | R | MS | FM, S | *** | Takeoff MXR has an excellent disease package and seedling vigor for an early hybrid. Takeoff MXR has an impressive ear shape and size. Get an early Takeoff with this variety in fresh markets. Tolerant to HPPD/ALS. | | | |
| 03254 | Equinox ѝ 🍑 | 70 | 22" | 7.5-1.8" | 16-18 | S | M | FM, HG | **** | An early yellow that brings an ease to harvest and packaging. It has nice husk protection, a good-looking ear, strong tip fill and short shank. It's known for having the best eating quality and seedling vigor in its class. | | | |
| 03124 | Icon XR ბ | 72 | 26" | 8 x 1.9" | 16 - 18 | R | MS | FM | *** | Icon has exceptional eating quality and is part of IFSI's Reserve quality class. Excellent husk protection, ear length, and tip fill under stress. A perfect choice for high quality fresh markets and roadside stands. A yellow version of Signature XR. Tolerant to HPPD/ALS. | | | |
| 03252 | Golden Halo 论 🍑 | 75 | 24" | 8 X 2" | 16-18 | R | M | FM, HG | **** | An excellent variety similar to the bi-color, Nirvana, in taste and emergence. It has an improved husk package and a higher ear placement. | | | |

| CORN YELLOW SH2 Extra Sweet & Improved Super Sweets | | | | | | | | | | |
|---|-------------|--------------|-----------|----------|-------|--------|--|--|--|--|
| Price per 1,000 seeds (M) | 2.5M | 10M | 25M | 100M | 500M* | 2500M* | | | | |
| 03092 4974 VX ^{Cruiser} | 16.55 | 15.80 | 15.25 | 14.80 | 14.50 | 14.35 | | | | |
| 03254 Equinox Cruiser | 17.05 | 16.30 | 15.75 | 15.30 | 15.00 | 14.85 | | | | |
| 03252 Golden Halo Cruiser | 16.95 | 16.20 | 15.65 | 15.20 | 14.90 | 14.75 | | | | |
| 03124 Icon XR ^{Cruiser} | 16.70 | 15.95 | 15.40 | 14.95 | 14.65 | 14.50 | | | | |
| 03223 Takeoff MXR ^{Cruiser} | 16.45 | 15.70 | 15.15 | 14.70 | 14.40 | 14.25 | | | | |
| 03063 Vista XR Cruiser | 14.00 | 13.25 | 12.70 | 12.25 | 11.95 | 11.80 | | | | |
| * Multiple packages may be | used to fil | l orders for | these qua | ntities. | | | | | | |

SWEET CORN PRODUCTION RESOURCES www.ruppseeds.com/SCPestID

This is a resource from the Great Lakes Vegetable Working Group in addition to some of the leading researchers in the vegetable industry. It helps identify profit taking weeds and insects, and discusses best management practices for sweet corn.

www.ruppseeds.com/UMassSC

This page from the University of Massachusetts offers information about multiple sweet corn pests and diseases.

www.ruppseeds.com/uoiScout

Developed by Rick Weinzierl this link goes into discussing the difference between traps and economics of scouting.



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POPCORN





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November 7% December 6% January 5% February4% March3% April.....2%

























| | | SAVE WITH |
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| PUPCU | XIN. | | | | | | | | |
|-----------|------------------------|--------------|------|---------|-------------------|-----------|-------------------|----------|--|
| Item # | ▼ Variety | Color | Days | Lodging | Yield per acre | Expansion | Eating Quality | Mushroom | Features |
| Commercia | l Varieties | | | | | | | | |
| 06041 | R400MR ^{FI} | Yellow | 103 | 2% | 5000 lbs. + | 34 | Good | 80% | This popcorn has very high yield potential. Grows on a sturdy stalk with high resistance to common rust and Grey Leaf Spot. Intermediate resistance to Goss' Wilt. Vibrant orange kernels pop into mushroom flakes. |
| 06039 | R98114W F1 🕏 | White | 105 | 2% | 5000 lbs. + | 45 | Good | 0 | An excellent eating-quality white popcorn that yields as well as many yellow hybrids. Strong stalks and roots help resist lodging. It provides high resistance to common rust and intermediate resistance to Goss' Wilt. |
| 06040 | R997 FI 🔌 | Yellow | 105 | 2% | 5000 lbs. + | 46 | Good | 0 | A mid-season butterfly popcorn. It has long cylinder - shaped ears with easy shelling large, orange kernels and improved stalk strength. It provides high resistance to Grey Leaf Spot and intermediate resistance to Common Rust, Northern Corn Leaf Blight, and Drought. |
| 06027 | Ruby Red ^{F1} | Red | 100 | 5% | • | 38 | Good | 0 | A true breeding, glossy burgundy red hybrid with no white kernels. Has stalk strength, yield and expansion equal to the best white hybrids. One of the best eating popcorns. |
| 06026 | Shaman's Blue F1 | Dark Blue | 105 | 5% | • | 43 | Good | 0 | Dark blue popcorn hybrid. Has glossy dark blue kernels, large 8" ears, high expanding, and tender flakes. Good stalk strength. |

EATING QUALITY

No popcorn varieties are hulless. Eating quality is a measurement of flavor, kernel tenderness and hulls that are thin and break and disperse during popping. Thicker hulled hybrids retain the hull in the popped product and tend to remain in your teeth after eating. Factors influencing popcorn quality include kernel moisture and expansion ratio, processing procedures, home storage and handling. Good popcorn should provide at least 98% popped kernels with well under 2% unpopped kernels. Proper care at the processing level helps to assure this. Popcorn is rated Good to Poor.

EXPANSION

Refers to the increase in volume of unpopped corn after it is popped. To illustrate, if a given volume of unpopped corn expanded to a 40 rating when popped, the volume increase was 40 times. All data is collected on the standard test popper.

LODGING

The percentage of stalks broken below the ear at harvest time.

MUSHROOM SHAPE

The popped shape that is the most desirable for manufacturing caramel corn etc. due to tougher more durable shape after popping. Always less desirable as eating corn.

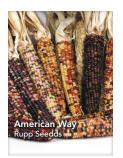
YIELD

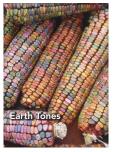
Pounds of shelled corn adjusted to 13.5% moisture.

STORAGE

To maintain the best quality popcorn, store at 13 - 14.5% moisture

| CORN | | ORI | NAMENTAL POPCORN |
|--------|--------------------|------|---|
| Item # | ▼ Variety | Days | Features |
| 06010 | Firecracker | 95 | A miniature variety with a red stalk and good cold soil emergence. Plants are tall and strong with good tip cover and very little shank. High yields of 5" ears which can be used for both ornamental and popping purposes. Stalks are approximately 7.5 feet tall. |
| 06006 | Little Indian | 100 | A popular variety with 4 - 5" multi-colored ears. Also very tender eating. |
| 05510 | Seneca Mini Indian | 105 | A selection of miniature Indian corn with 5 - 6" ears. Attractive for ornamental uses. |











| CORN | | ORN | JAMENTAL |
|--------|--------------------------|------|--|
| Item # | ▼ Variety | Days | Features |
| 05535 | American Way 🎷 | 115 | A very large eared 10 - 13" variety that has become popular with fresh market growers. |
| 05536 | Earth Tones | 105 | Has marvelous shades of blue and green as well as traditional reds and oranges. Can be ground into cornmeal. |
| 05507 | Fiesta | 100 | A variety developed by the University of New Hampshire. Early maturing with 8" ears and kernels that are variegated and of many colors. |
| 05101 | Indian Art Red Fire F1 🎷 | 105 | Newest release in the "Indian Art" series. Comprehensive hybrid red stalk and red husk package. Kernels are deeper red when compared to Bloody Butcher. 8 - 10" ear. |
| | • | •••• | See page 66 for Ornamental Sorghum / Broomcorn |

Icon Key for: ORNAMENTAL CORN



| CORN POPCORN | | | M=1,0 | 00 seeds |
|------------------------------------|-------|-------|-------|----------|
| Price per 1,000 seeds (M) | 2.5M | 10M | 25M | 100M |
| Commercial Varieties | | | | |
| 06041 R400MR | 8.55 | 8.05 | 7.80 | 7.55 |
| 06039 R98114W White Crusier | 5.95 | 5.45 | 5.20 | 4.95 |
| 06040 R997 Yellow Crusier | 6.00 | 5.50 | 5.25 | 5.00 |
| 06027 Ruby Red | 11.45 | 10.95 | 10.70 | 10.45 |
| 06026 Shaman's Blue | 11.45 | 10.95 | 10.70 | 10.45 |

| CORN | ORNAMENTAL COR | .N | | | M=1,0 | 00 seeds |
|--------|--|------------|-------------|------------|-------|----------|
| | Priced per package | 4 oz. | | | | |
| | Priced per pound in these package sizes | | 1# | 5# | 25# | 50#* |
| 05535 | American Way | 7.40 | 28.90 | 19.25 | 19.00 | 18.75 |
| 05536U | Earth Tones Untreated | 8.25 | 32.20 | 21.45 | 21.20 | 20.95 |
| 05507 | Fiesta | 6.15 | 24.00 | 16.00 | 15.75 | 15.50 |
| 05101 | Indian Art Red Fire | 8.85 | 34.60 | 23.05 | 22.80 | 22.55 |
| | * Multiple packages may be used to f | ill orders | for these q | uantities. | | |

| CORN | ORNAMENTAL | POPCORN |
|------|--------------------|---------|
| | Priced per package | 4 oz. |

| Priced per package | 4 oz. | | | | |
|--|-------|-------|-------|-------|-------|
| Priced per pound in these package sizes | | 1# | 5# | 25# | 50# |
| 06010 Firecracker | 11.30 | 30.90 | 20.60 | 20.35 | 20.10 |
| 06006 Little Indian | 10.95 | 30.00 | 20.00 | 19.75 | 19.50 |
| 05510 Seneca Mini Indian | 6.60 | 18.00 | 12.00 | 11.75 | 11.50 |

Corn (Ornamental)



CUCUMBERS

PLANTING

Direct seed $\frac{1}{2}$ " - 1" soils with 60°F+ temperatures. Row spacing should range from 30" - 36" apart. Space plants 12" apart in the row.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Scout fields weekly to make sure weed, insect, and disease pressure are kept in check.

HARVEST

Harvest every other day. Slicing cucumbers should be picked when diameter is approximately 2". Cucumbers should be approximately 7 - 8" long and have a smooth surface. Pickling cucumbers should be 3" long by 1" wide when ready to pick.

STORAGE

Store at 50 - 55° F and 90 - 95% humidity to ensure long shelf life.

DISEASE CODES

A - Anthracnose

ALS - Angular Leaf Spot

Cca - Corynespora Cassiicola

Ccu - Cladosporium Cucumerium

CMV - Cucumber Mosaic Virus

CVYV - Cucumber Vein Yellowing Virus

DM - Downy Mildew

PM - Powdery Mildew

PRSV - Papaya Ringspot Virus

S - Cucumber Scab

TLS - Target Leaf Spot

WMV - Watermelon Mosaic Virus

ZYMV - Zucchini Yellow Mosaic Virus

COLOR CODES

DG - Dark Green

G - Green

MG - Medium Green

MDG - Medium Dark Green

VDG - Very Dark Green

W - White

HABIT TERMS

GY - Gynoecious

Refers to all female sex expression when grown under ideal environmental conditions. Various stresses can cause more male flowers.

MO - Monoecious

Refers to sex expression; having both male and female flowers on the same plant.

P - Parthenocarpic

Refers to the tendency of a plant to set fruit without pollination.

PF - Predominately Female

Refers to the blossoms produced by the plant as predominately female.

Icon Key for: CUCUMBERS



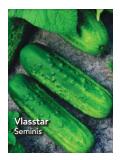




















ORDERS OVER \$350 ARE SHIPPED FREE!

| CUCUMBERS PICKLING | | | | | | | | | | Pricing on page 46 |
|--------------------|---|-----------------------|-------|-------|----------|--------------|------------------------|---|---|--|
| Item # | | ▼ Variety | Days | Habit | Plant | L/D Ratio | Color: Spine- Fruit | Disease | Features | |
| 23005 | | Citadel ^{F1} | 50 | GY | Medium | 3.1 | W-DG | A, ALS, CMV, DM,PM, S | | se package includes intermediate ildew. Excellent option for machine rated fruit set. |
| 23582 | | Corentine FI | 45-55 | Р | Medium | 3 | DG | PM, CCU, CMV | package and outstandi | ctive hybrid with an excellent disease ng fruit quality. Can be used on open uction. Holds its length well even during |
| 23014 | * | Eureka ^{F1} | 53 | MO | Compact | 3.1 | W-DG | A, ALS, CMV, PM, PRSV, S, WMV | A monoecious hybrid with your current favor | vith unique disease tolerances. Compare ite. |
| 23008 | | Super Max F1 | 40-45 | МО | Vigorous | 3.1 | MG | CMV, PRSV, WMV, ZYMV, Cca, Ccu | | eed cavity that is resistant to target leaf ideal for fresh and processing markets. |
| 23003 | * | Supremo F1 | 43 | MO | Vigorous | 3 | W-DG | A, ALS, CMV, PM, PRSV, S, WMV, ZYMV | 5 1 7 5 | n fruit with thick skin and a small seed ing or fresh market. Can be staked or on |
| 23025 | | Vlasstar F1 | 52 | Р | Vigorous | 3 | W-MDG | A, ALS, CMV, PM, S | A medium dark, blocky | pickle that picks over multiple harvests. |

| CUCU | MBERS | PROTE | ECTED C | ULTUR | RE 🐽 | | Pricing on page 46 |
|--------|-----------------------|--------------------|-----------------------|----------|-------|-----------------------|--|
| Item # | ▼ Variety | Season | Plant | Length | Color | Disease | Features |
| 23569 | Camaro ^{F1} | Spring / Autumn | Vigorous | 13 - 16" | DG | PM | Excellent color and shape. Has intermediate resistance to powdery mildew. |
| 23576 | Corinto F1 | Spring / Autumn | Vigorous | 8 - 10" | DG | CMV, CVYV, PM | A very consistent dark green, cylindrical protective culture cucumber with a very low cull rate. Produces tight sets on a compact plant with excellent shelf life both on and off the plant. |
| 23574 | Excelsior F1 | Spring / Autumn | Compact / Vigorous | 4 - 5 " | DG | Cca, CMV, CVYV, PM | An excellent pickling variety for full-season production. Open, vigorous plant with medium to dark green fruit. |
| 23571 | Katrina ^{F1} | Spring / Autumn | Compact / Vigorous | 6 " | DG | Ccu, CMV, CVYV, PM | High quality small fruit that are extremely uniform. Early maturing fruit maintains high quality and production levels throughout the harvest season. |



















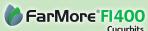
| CUCI | JMBERS | SLIC | CERS | | | | | |
|--------|--------------------------|-----------|-------|------------------------|------------|-------|--|--|
| Item # | ▼ Variety | Days | Habit | Plant | L/D Ratio | Color | Disease | Features |
| 23502 | Brickyard FI | 50 | GY | Vigorous | 8" | DG | A, ALS, CMV,DM, PM, PRSV, S, WMV, ZYMV | An early maturing variety which features a strong multi-virus resistance package that includes downey mildew resistance. |
| 23512 | Bristol FI | 54 | GY | Moderately Vigorous | 8 ¼ x 2 ¼" | DG | A, ALS, CMV, DM, PM, PRSV, S, ZYMV | Early maturing, second generation hybrid with intermediate resistance to downy mildew plus an improved disease package. High number of fancy fruit that allow the grower to potentially experience higher yields. |
| 23004 | Cobra F1 🍆 | 60 | GY | Vigorous | 9.5 x 2" | DG | A, ALS, CMV, PM, PRSV, S, WMV, ZYMV | LIMITED SUPPLY Productive hybrid with an excellent disease package and outstanding fruit quality. Can be used on open ground or plastic production. Holds its length well even during periods of stress. |
| 23568 | Darlington ^{F1} | 62 | GY | Vigorous | 8 - 9 x 2" | DG | A, ALS, CMV, PM, PRSV, S, TLS, WMV, ZYMV | A multi-virus tolerant variety that holds up well under foliar disease pressure. Consistent yield of select fruit that are straight and have excellent color. Maintains optimum length under Northeast conditions. |
| 23583 | NEW Race Track F1 | 50- 55 | GY | Vigorous | 8.5 X 2" | DG | CVYV, MWV, ZYMV, CCu, PM | Robust performance, strong plant vigor, multi-virus disease package, and concentrated setting pattern. Expect a high percentage of super select fruits. |
| 23505 | Raceway ^{FI} | 54 | GY | Vigorous | 8 1/2" | DG | A, ALS, CMV,DM, PM, PRSV, S, WMV, ZYMV | Dark green with uniform color on vigorous vines. Raceway has a high multi-virus resistance package and is good for late season planting. Maintains its length where heat stress might be a factor. |

| CUCUMBERS PICKLING | | | | M=1,00 | 00 seeds | | | | | |
|--|--------------|-------|-------|--------|----------|--|--|--|--|--|
| Priced per package | 100 Seeds | | | | | | | | | |
| Price per 1,000 seeds (M) | | 1M | 5M | 15M | 75M* | | | | | |
| 23005 Citadel FI400 | 3.30 | 12.55 | 10.80 | 9.80 | 9.05 | | | | | |
| 23582 Corentine Fi400 Limited Supply | 4.70 | 27.00 | 25.25 | 24.25 | 23.50 | | | | | |
| 23014 Eureka FI400 | 3.90 | 18.90 | 17.15 | 16.15 | 15.40 | | | | | |
| 23008 Super Max FI400 | | 20.30 | 18.55 | 17.55 | 16.80 | | | | | |
| 23003 Supremo FI400 | | 20.30 | 18.55 | 17.55 | 16.80 | | | | | |
| 23025 Vlasstar FI400 | | 10.60 | 8.85 | 7.85 | 7.10 | | | | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | | | | |

| CUCUMBERS SLICERS | M=1,00 | 00 seeds | | | | | | | |
|----------------------------------|--|----------|-------|-------|-------|-------|--|--|--|
| Priced per package | 100 Seeds | | | | | | | | |
| Price per 1,000 seeds (M) | | 1M | 5M | 15M | 75M* | 350M | | | |
| 23502 Brickyard FI400 | | 20.10 | 18.60 | 17.60 | 16.85 | 15.85 | | | |
| 23512 Bristol FI400 | 5.85 | 21.15 | 19.65 | 18.65 | 17.90 | 16.90 | | | |
| 23004 Cobra F1400 Limited Supply | | 25.25 | 23.75 | 22.75 | 22.00 | 21.00 | | | |
| 23568 Darlington FI400 | 8.15 | 29.50 | 28.00 | 27.00 | 26.25 | 25.25 | | | |
| 23583 Race Track FI400 | 5.65 | 20.50 | 19.00 | 18.00 | 17.25 | 16.25 | | | |
| 23505 Raceway FI400 | 5.70 | 20.55 | 19.05 | 18.05 | 17.30 | 16.30 | | | |
| * Multiple packages may be use | * Multiple packages may be used to fill orders for these quantities. | | | | | | | | |

CUCUMBERS PROTECTED CULTURE

| Priced per package | 100 Seeds | 500 Seeds | 1000 Seeds |
|-------------------------|-----------|-----------|------------|
| 23569U Camaro Untreated | 138.75 | 462.45 | 770.70 |
| 23576 Corinto | 45.35 | 151.05 | 251.70 |
| 23574 Excelsior | 28.90 | 96.25 | 160.40 |
| 23571 Katrina | 45.40 | 151.30 | 252.10 |



FarMore*F1400 The early-season insect protection can prevent or eliminate damage caused by cucumber beetles.

www.ruppseeds.com/fi400

FarMore * treated items are either highlighted in this green color or feature the FarMore FI400 symbol.



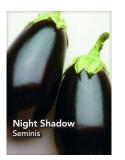
B C E F G H K D P













| EGGPLANT | | | | | | |
|----------|--------------------------|------|------------|-------------------|---------------------------|--|
| Item # | ▼ Variety | Days | Plant Size | Fruit Shape | Color | Features |
| 24505 | Epic ^{F1} | 64 | 36" | Oval | Purple Black | Commercial grower variety. Resistant to Tobacco Mosaic Virus. |
| 24526 | Fairy Tale ^{F1} | 50 | 18 - 24" | Slender | Lavender | An AAS winner. Fruit are bright lavender, up to 5" long, good to eat, on a dwarf plant. Can be grown in pots, planters or on your patio. |
| 24502 | Gaudi ^{F1} | 80 | 30 - 36" | Obovate | Deep Purple, Black | Long oval shaped fruit with a bright green calyx. Usually the calyx is spineless, but under certain conditions small spines can develop. The fruit is firm and is grown on a medium-tall, upright strong growing bush. It can be grown indoor and outdoor with good results. |
| 24517 | Ghost Story | 63 | • | Round Oval | White | Smooth, firm, and heavy. It has a refined small cap that is usually spineless. Flesh is dense, bright white, and slow to develop seeds. Excellent early and continuous yields. |
| 24525 | Hansel F1 | 55 | 18" | Slender | Purple | AAS winning Japanese eggplant from Seminis. Fruit are dark glossy purple, born in finger-like clusters and have a bright green calyx. Yields are much higher than similar sized Little Fingers. |
| 24524 | Nadia ^{F1} | 70 | 24 - 30" | Oval Long | Black | An attractive purple black hybrid from Vilmorin. Fruit are 9" long by $4\frac{1}{2}$ " around. Colors early, sets under cool conditions with a durable plant for frequent pickings. |
| 24521 | Night Shadow F1 | 75 | 35" | Teardrop | Glossy Black | Hybrid, with fruit that are large teardrops; dark glossy black with a good blossom end scar. |
| 24516 | Santana ^{F1} | 80 | 30" | Elongated Oval | Glossy Black Purple | A high yielding hybrid from Syngenta that performs where it matters most; yield, size and quality! One of the best for heat tolerance without fruit fading problems. Has reduced spines to prevent fruit scar. |

| ENDIVE / ESCAROLE | CHIC | CORY |
|-----------------------------------|-----------|---|
| Item # ▼ Variety | Days | Features |
| Endive - narrow, finely cut, curl | y leaves. | |
| 25006 NEW Kassy | 45-50 | Large upright dense plant with high yielding potential. Expect bolt resistance and tipburn tolerance. |

| EGGPLANT | | | | M=1,0 | 00 seeds |
|---------------------------|--------------|-------|-------|-------|----------|
| Priced per package | 500 Seeds | | | | |
| Price per 1,000 seeds (M) | | 1M | 5M | 25M | 100M |
| 24505 Epic | 8.50 | 13.60 | 12.50 | 12.10 | 11.55 |
| 24526 Fairy Tale | 50.20 | 80.30 | 79.20 | 78.80 | 78.25 |
| 24502 Gaudi | 24.80 | 39.65 | 38.55 | 38.15 | 37.60 |
| 24517 Ghost Story | 48.10 | 76.90 | 75.80 | 75.40 | 74.85 |
| 24525 Hansel | 53.80 | 86.05 | 84.95 | 84.55 | 84.00 |
| 24524 Nadia | 21.20 | 33.85 | 32.75 | 32.35 | 31.80 |
| 24521 Night Shadow | 10.75 | 17.20 | 16.10 | 15.70 | 15.15 |
| 24516 Santana | 13.20 | 21.05 | 19.95 | 19.55 | 19.00 |

| ENDIVE / ESCAROLE CHICORY | | M=1, | 000 seeds |
|--|------|------|-----------|
| Priced per 1,000 seeds in these package sizes | 10M | 100M | 400M |
| 25006U Kassy Untreated Pellet/Primed | 3.00 | 2.95 | 2.85 |

Icon Key for: **ENDIVE**

NEW New to Rupp Seeds in 2026

SUNRICH LIMONCELLO SUMMER pg. 49

FLOWERS

SITE SELECTION

Sunflowers (cut) and Zinnias do best in areas that receive full sun and planted in well-drained soil rich in organic matter with a pH of 6.0–6.8 but can tolerate soils slightly out of this range. Grow as an annual in gardens or field settings. Container grown is not recommended for the sunflowers or Zinnias.

PLANTING

The most common method of growing sunflowers or Zinnias is to direct seed in a field or garden. Prepare a seed bed at least 2 weeks before sowing seed, amend soil with compost or nutrients as you would for any typical vegetable crop. Using the stale seedbed technique, work soil one additional time immediately before planting to limit emerged seedlings and have a fresh seedbed.

For Sunflowers: Sow seeds in rows 1" deep with 4-6" between seeds. Space your rows 12" to 36" apart. Cover with fine soil and firm soil lightly to have good contact with seed & soil. Water lightly if needed to aid in germination. Mechanical seeders can be used to direct sow sunflower seeds. Planters ranging from a single row push seeder to a 12-row air planter are being used successfully. When using mechanical seeders, check and adjust the seeder so seeding depth is 1" deep and seed is placed firmly in the seed trench for placement.

For Zinnias: Sow seeds either in single shallow rows, 5-6 seeds every 12", or individual hills of 3-4 seeds about ¼" to ½" deep. Cover with fine soil and firm soil lightly to have good contact with seed and soil. Water lightly to aid soil moisture if needed to aid in germination. Once emerged thin to 3 seedlings per foot. Pinch out the very first center bud. This will promote lateral branching resulting in many more flowers and generally longer stems.

CUT FLOWERS ALL SEASON LONG

Planting sunflowers every 7-10 days will help ensure a steady supply of excellent quality fresh cut flowers for your customers. Once flower petals open the peak flower quality will only last about of 5-7 days depending on temperatures. Manage a consistent availability of cut flowers for your customers by developing a planting schedule based on maturity dates and average daily temperatures.

HARVEST

Harvest blooms either mid-morning or late evening. Using a sharp sheer, cut stems to desired length while maintaining enough residual plant to generate more blooms. Remove excess foliage and place stems in cool water. Store or display zinnias out of the direct sunlight to extend vase life. Stems will generally last for 5-7 days. It is recommended to use a flower food. Sanitize cutting tools and flower buckets to keep fungi and bacteria at a minimum which will extend cut flowers vase life. Deadhead spent and unused blooms while cutting flowers, this will keep plants cleaner, deter disease from forming in the unwanted blooms and promote branching and additional blooms.

Icon Key for: **FLOWERS**



New to Rupp Seeds in 2026

























| SUNFL | OWERS | SING | LE STEM FLOWERS Pricing on page 51 |
|------------|----------------------------|--------|--|
| ltem # | ▼ Variety | Days | Features |
| 47007 | Full Sun Improved | 60-100 | A single stem with dark yellow petals and dark disc, 68 - 84 inches tall. Seed spacing will affect plant height and head size For shorter 6' stems and smaller heads - plant 4" apart. For 7-8' stems and larger heads - plant 6" apart. |
| 47082 | Marley ^{F1} | 55-65 | With a unique color combination of cream and purple, Marley is bound to set a new trend. 50-70" tall. Pollenless. |
| 47014 | Sunspot Dwarf | 55 | 1 - 2' tall with a full size yellow flower of 10". Does well in the garden or in 8 - 10" pots. Large seed. |
| 47083 | Ziggy ^{F1} | 55-65 | Its petals are a combination of yellow and brown and under warmer conditions, and strong light, colors may deepen. 50-70" tall. Pollenless. |
| ProCut Se | eries Sunflowers | | |
| | | | ProCut Series Sunflowers are early maturing, pollenless hybrids. Plants are strong single stems that are 60-72" high with 4-6" blooms. All of the ProCut varieties are day length neutral. |
| 47037 | ProCut Bicolor | 50-60 | When you think about autumn colors you have to include ProCut Bicolor. A splash of bronzy red on orange tipped petals. is the best single stem cutting bicolor sunflower available to growers. |
| 47036 | ProCut Horizon | 45-55 | ProCut variety, with rich overlapping orange petals surrounding a traditional dark disc, with perfect upward facing bloom |
| 47035 | ProCut Orange Excel | 45-55 | The next generation of ProCut series. Deep orange color with upright flowers. |
| 47033 | ProCut Plum | 50-60 | Is it pink? Rose? Mauve? Unique plum colored petals. |
| 47034 | ProCut Red | 50-60 | The latest breakthrough in sunflowers! Deep burgundy colored petals. |
| 47031 | ProCut White Lite | 50-60 | Lush white petals border a light colored center disc. An excellent choice paired with other flowers in bouquets. |
| 47032 | ProCut White Nite | 50-60 | White petals with a dark center. With unlimited possibilites. Can even be dyed red and blue for a July 4th vase. |
| 47080 | ProCut Blend | 45-60 | A blend of the five most popular ProCut Sunflower Series. Plum, Red, White Nite, Horizon and Orange Excel |
| SunFill Se | ries | | |
| 47041 | SunFill Green | 55-60 | SunFill Series Sunflowers are a unique, novel green and purple sunflower. Fast growing sunflower that produces a 3-4" |
| 47042 | SunFill Purple | 55-60 | geometric flower head for use as bouquet greenery. They have highly ornamental sepals that wrap the flower face, creating a look typically only found on the back of the flower. Pollenless, single stem. Ht: 60-72". Should be cut early. |
| Sunrich S | eries - pictures next page | | |
| 47001 | Sunrich Gold | 55-70 | |
| 47002 | Sunrich Lemon | 55-70 | Sunrich Series Cut Sunflowers. An early, male sterile, pollenless sunflower used exclusively for the cut flower market. A 48 |
| 47006 | Sunrich Lime | 55-70 | - 60" plant when cut will have a height of 2 - 2 ½ feet, with a 5 - 6" flower. Works best if direct sown with a 5" spacing. Net to keep a dense planting. Over fertilizing will cause the flower to grow too big for floral purposes. |
| 47003 | Sunrich Orange | 55-70 | 1 1 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 |
| 47070 | Sunrich Blend | 50-70 | A blend of the four Sunrich Sunflower Series. |
| 47004 | Sunrich Limoncello Summer | 50-65 | An early variety in the Sunrich series. Flowers 5 to 10 days earlier than the Gold, Lemon and Orange. A unique bi-color flower, vibrant yellow changing to a light, creamy yellow tip. |





















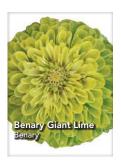


| SUNFL | SUNFLOWERS | | BRANCHING FLOWERS Pricing on page 51 | | |
|---------|--------------------------|-------|--|--|--|
| Item # | ▼ Variety | Days | Features | | |
| 47081 | Golden Ray ^{F1} | 50-55 | A unique "Gladiola" flower arrangement along the stem. Golden Ray is 5' tall with for a cut flower as well as a garden ornament. Best performance when top flower r | a flower diameter of 4.5-5.5". Excellent emoved. | |
| 47010 | Goldy Double | 45-50 | Goldy Double is 60-72" tall, with 18-24" stems with large fully double 5-7" blooms with green to yellow centers. Produced on sturdy branching plants with minimal pollen. | | |
| 47016 | Lemon Queen | 70 | 6 - 7' tall with 5" blooms, pale lemon-yellow with dark centers. Free flowering and ideal for cut flowers or borders. | multiple branched with strong stems are | |
| 47084 N | EW Rouge Royal | 55-65 | Rouge Royal is a stunning polleness branching sunflower with a rich deep burgun for contasting in bouquets. These blooms range from 3-6" and side stems are notibranching varieites. | | |
| 47015 | Velvet Queen | 70 | 5' tall with 5" velvety blooms that are burgundy, chestnut and bronze with a dark free flowering plants with strong stems which are ideal for cut flowers or borders. | center. Well branched, multiple flowered, | |

| SUNFLOWERS | | FOR S | SEED | Pricing on page 51 |
|------------|------------------|-------|--|---|
| Item # | ▼ Variety | Days | Features | |
| 47005 | Giant Striped | 80 | Confectionery type variety. Striped, plump seeds are well filled and have thin hulls | . 6 - 12' tall. Plant at 3-4 pounds per acre. |

| ZINNIAS | | | | Pricing on page 51 | |
|---------|-------------------------|-------|---|--|--|
| Item # | ▼ Variety | Days | Features | | |
| 50003 | Benary Giant Lime | 63-77 | Fully double, large flowers on long sturdy stems that are perfect for outdoor cut flo | t flower production. Grows to 47" tall with 5" | |
| 50004 | Benary Giant White | 63-77 | flowers. Long vase life. | wer production. Grows to 47 tail with 5 | |
| 50001 | Benary Giant Zinnia Mix | 63-70 | The most eye catching Zinnia mix available. Vigorous plants producing attractive b Salmon Rose, Carmine Rose, Golden Yellow, Orange, Deep Red, White, Purple, Brig | | |
| 50002 | Uproar Rose Zinnia | 70-80 | Tall-growing, well-branched Zinnia with bright rose 4-5" double blooms. Very unifo | orm 28-36" height. A prized cut flower. | |

50 | Flowers (Cut)



47083U Ziggy Untreated









| SUNFLOWERS | | | | M=1,00 | 00 seeds |
|-------------------------------------|-------------------|---------------|---------------------|-------------|-------------|
| Pr | iced per package | 1 oz. | 4 oz. | | |
| | Priced per pound | | | 4.11 | |
| | ese package sizes | 5.40 | 17.60 | 1# 49.55 | 5# 48.55 |
| 47016U Lemon Queen Ur | | 5.40 | 17.80 | | 47.40 |
| 47014U Sunspot Dwarf | | 5.25 | | 48.40 | |
| 47015U Velvet Queen Uni | actico . | 3.23 | 17.20 500 | 48.35 | 47.35 |
| | Price | d per package | Seeds | | |
| | Price per 1,0 | 000 seeds (M) | | 1M | 5M |
| 47007U Full Sun Improv | red Untreated | | 28.75 | 45.25 | 40.95 |
| 47081U Golden Ray Unttreat | ted | | 33.25 | 52.50 | 47.55 |
| 47010U Goldy Double Un | ntreated | | 17.50 | 27.75 | 25.20 |
| 47082U Marley Untreated | | | 28.75 | 45.25 | 40.95 |
| 47037U ProCut BiColor | Untreated | | 23.00 | 36.50 | 33.10 |
| 47036U ProCut Horizon | Untreated | | 23.00 | 36.50 | 33.10 |
| 47035U ProCut Orange | Excel Untreated | | 23.00 | 36.50 | 33.10 |
| 47033U ProCut Plum Untrea | ated | | 23.00 | 36.50 | 33.10 |
| 47034U ProCut Red Untreated | d | | 23.00 | 36.50 | 33.10 |
| 47031U ProCut White Li | te Untreated | | 28.75 | 45.25 | 40.95 |
| 47032U ProCut White N | ite Untreated | | 28.75 | 45.25 | 40.95 |
| 47080U ProCut Blend Untr | reated | | 25.25 | 39.75 | 35.95 |
| 47084U Rouge Royal Untre | ated | | 23.50 | 37.00 | 33.55 |
| 47041U SunFill Green Unt | reated | | 28.75 | 45.25 | 40.95 |
| 47042U SunFill Purple Un | streated | | 28.75 | 45.25 | 40.95 |
| 47001U Sunrich Gold Untre | eated | | 31.00 | 49.00 | 44.45 |
| 47002U Sunrich Lemon | Untreated | | 31.00 | 49.00 | 44.45 |
| 47006U Sunrich Lime Untre | eated | | 31.00 | 49.00 | 44.45 |
| Sunrich Limonce 47004U Untreated | ello Summer | | 31.00 | 49.00 | 44.45 |
| 47003U Sunrich Orange | Untreated | | 31.00 | 49.00 | 44.45 |
| 47070U Sunrich Blend Un | ntreated | | 31.25 | 49.50 | 44.95 |
| | | | | | |

| ZINNIAS | | | M=1,0 | 000 seeds |
|-----------------------------------|--------------------------|--------------|--------|-----------|
| | Priced per package | 250 Seeds | | |
| Pr | rice per 1,000 seeds (M) | | 1M | 5M |
| Zinnia | | | | |
| 50001U Benary Giant Zinnia M | ix Untreated | 25.25 | 39.75 | 35.95 |
| 50003U Benary Giant Lime Untreate | ed | 25.25 | 39.75 | 35.95 |
| 50004U Benary Giant White Untre | eated | 25.25 | 39.75 | 35.95 |
| 50002U Uproar Rose Zinnia Untrea | ated | 70.00 | 111.00 | 100.80 |

| SUNFLOWERS FOR SEED | | | | M=1,00 | 00 seeds |
|--|-------|-------|-------|--------|----------|
| Priced per package | 1 oz. | 4 oz. | | | |
| Priced per pound in these package sizes | | | 1# | 5# | 50# |
| 47005U Giant Striped Untreated | | 8.40 | 15.25 | 14.75 | 14.50 |

28.75

45.25 40.95



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GOURDS

PLANTING

Direct seed in soils that are above 70° F. Plant gourds ½" - 1" deep. For a general rule of thumb, plant seed the depth of three times the thickness of the seed. Plant spacing varies depending on fruit size. For small and miniature gourds plant at approximately 5 - 10 sq. ft. per plant. For large gourds plant them at 30 sq. ft. per plant.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Scout fields every 7 days to ensure crop health. Look for insect, weed, and disease pressure. The first three weeks focus on weeds and insect pressure. Then focus on disease pressure. For weed, insect, and disease identification and treatments consult the Midwest Vegetable Production

www.ruppseeds.com/MVPG or your local extension. Place pollinators in field to ensure maximum fruit set.

HARVEST

Harvest when fruit have developed deep vibrant color or when plants start to die down. Clean gourds of dirt, then dip them in a 5% chlorine solution to ensure long shelf life.

STORAGE

Place gourds in a dry place that will have good air circulation to prevent rotting.

| GOURDS PEPO | | | | | M=1,00 | 00 seeds |
|---|--------------|--------|--------|--------|--------|---------------|
| Priced per package | 250 Seeds | | | | | |
| Price per 1,000 seeds (M) | | 1M | 5M | 25M | 55M | Seeds /lb. |
| Autumn Wings Large 26501 Swan | 11.30 | 32.15 | 31.15 | 30.15 | 29.15 | 7,300 |
| Autumn Wings Large 26501 Swan Fl400 | 13.80 | 39.30 | 38.30 | 37.30 | 36.30 | 7,300 |
| Autumn Wings Large 26501U Swan Untreated | 11.30 | 32.15 | 31.15 | 30.15 | 29.15 | 7,300 |
| Autumn Wings 26502 Medium | 11.30 | 32.15 | 31.15 | 30.15 | 29.15 | 8,000 |
| Autumn Wings 26502 Medium FI400 | 13.80 | 39.30 | 38.30 | 37.30 | 36.30 | 8,000 |
| Autumn Wings 26502U Medium Untreated | 11.30 | 32.15 | 31.15 | 30.15 | 29.15 | 8,000 |
| 26503 Autumn Wings Small | 11.30 | 32.15 | 31.15 | 30.15 | 29.15 | 7,800 |
| Autumn Wings Small 26503 FH000 | 13.80 | 39.30 | 38.30 | 37.30 | 36.30 | 7,800 |
| Autumn Wings Small 26503U Untreated | 11.30 | 32.15 | 31.15 | 30.15 | 29.15 | 7,800 |
| 26510 Autumn Wings Blend | 11.30 | 32.15 | 31.15 | 30.15 | 29.15 | 7,900 |
| Autumn Wings Blend 26510 FI400 | 13.80 | 39.30 | 38.30 | 37.30 | 36.30 | |
| 26042 Galaxy of Stars | 35.70 | 101.95 | 100.95 | 99.95 | 98.95 | 10,000 |
| 26042 Galaxy of Stars FI400 | 38.20 | 109.05 | 108.05 | 107.05 | 106.05 | 10,000 |
| 26042U Galaxy of Stars Untreated | 35.70 | 101.95 | 100.95 | 99.95 | 98.95 | 10,000 |

Pricing for Gourds Pepo continues on page 54 --->.





















| | No. | | |
|--------|--------|------|--|
| | - | | |
| | | | |
| | 0 | 3 | |
| Select | Warted | NEW | |
| Gourd | S | 四縣 公 | |
| Rupp S | eeds | | |

| GOURI | DS | PEPO | | Pricing on pages 52 & 54 |
|---------|------------------------------|----------|--|--|
| Item # | ▼ Variety | Days | Features | |
| 26501 | Autumn Wings Large Swan 7 🌢 | 100 | A unique gourd of many colors with wings, warts, and the fruit shape of a sol diameter with a neck up to 12" long. A grand addition to our other fancy or trade. | |
| 26502 | Autumn Wings Medium 🎷 🏷 | 100 | A unique gourd of many colors with the fruit shape of a spoon but with win with a neck up to 6" long. A grand addition to our other fancy ornamental s | 5 |
| 26503 | Autumn Wings Small 🍞 🐌 | 100 | A unique gourd of many colors with wings and fruit shape of a swan pear. It neck up to 4 - 5" long. Has great potential for the shipper if the wings can b | |
| 26510 | Autumn Wings Blend 🎷 🍆 | 100 | A blend of 50% Autumn Wings Small, 25% Autumn Wings Medium, and 25 | 5% Autumn Wings Large. |
| 26042 | Galaxy of Stars FI | 90 - 100 | An exciting Rupp hybrid gourd mixture in the shape of a 5 point star in man washed. A unique gourd for table decorations. | ny colors that can be mechanically |
| 26009 | Gizmo 🎷 🏷 | 90 - 100 | A Rupp winged gourd mix, which is unique for its bush plant type, offers fruorange, yellow, light green, and white. This hard-shelled variety yields fruit of the wings. Is sure to be another great addition to your fall decoration lines. | that are 3 - 5" tall by 6 - 8" wide at the tip |
| 26012 | Hoargarth 🎷 🏷 | 90 | A distinctive orange and dark green gourd that will add texture to your fall of wide by 5" high and grow on an intermediate bush plant. | displays. The wart covered fruit are 7" |
| 26043 | Lunch Lady | 110 | A one-of-a-kind large warted gourd. It produces an array of shapes & colors shells with warts. | with fruit sizes from 3-10 lbs, all hard |
| 26026 | Rupp Fancy Warted 🎷 🍆 | 100 | A mixture of warted gourds with shapes like spoons, pears, and rounds; all | warted and very colorful. |
| 26005 | Rupp Small Formula Blend 🎷 b | 90 - 100 | A blend of fancy small types with a few plain varieties. Includes Shenot Crox Small Spoon. Works great for the mesh bag market! | vn of Thorns, Select Warted Gourds and |
| 26044 N | Select Warted Gourds 🎷 🍅 | 90-100 | A mixture of warted and smooth gourds including spoon, pear, and round smarket! | hapes. An excellent mix for the mesh bag |

Icon Key for: **GOURDS**



















| GOURDS | | LAGENARIA SICERARIA | | | | |
|---------------------------|--|--|--|--|--|--|
| ▼ Variety | Days | Features | | | | |
| Birdhouse Martinhouse | 100 | A purified strain of the original birdhouse gourd. 10" diameter by 15" tall. Tan, smooth and hard shelled. | | | | |
| Bushel | 120 | 12 - 18" diameter with fruit weighing from 30 - 100 lbs. Excellent for arts and crafts when cured. | | | | |
| Extra Long Handled Dipper | 120 | A dipper gourd with a 3 - 4' long handle. Grow on trellis for straight gourds. | | | | |
| Large Speckled Apple | 120 | A large true apple shaped gourd 4 - 5" in diameter and 6 - 7" tall. Great for table decorations. | | | | |
| Miniature Bottle | 100 | A miniature sized bottle gourd, 2" in diameter by 4" long. | | | | |
| Speckled Swan | 100 | A large, crookneck gourd whose tip looks like a swan's head; 14 - 18" long with a 6" base. | | | | |
| | Birdhouse Martinhouse Bushel Extra Long Handled Dipper Large Speckled Apple Miniature Bottle | VarietyDaysBirdhouse Martinhouse100Bushel120Extra Long Handled Dipper120Large Speckled Apple120Miniature Bottle100 | | | | |

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| GOL | JRDS PEPO | | | | | M=1,00 | 00 seeds |
|--------|-----------------------------------|--------------|--------|--------|--------|--------|---------------|
| | Priced per package | 250 Seeds | | | | | |
| | Price per 1,000 seeds (M) | | 1M | 5M | 25M | 55M | Seeds /lb. |
| 26009 | Gizmo FI400 | 45.70 | 130.45 | 129.45 | 128.45 | 127.45 | 6,600 |
| 26012 | Hoargarth FI400 | 44.20 | 126.15 | 125.15 | 124.15 | 123.15 | 3,500 |
| 26026 | Rupp Fancy Warted | 7.95 | 22.70 | 21.70 | 20.70 | 19.70 | |
| 26026 | Rupp Fancy Warted | 10.45 | 29.85 | 28.85 | 27.85 | 26.85 | |
| 26026U | Rupp Fancy Warted | 7.95 | 22.70 | 21.70 | 20.70 | 19.70 | |
| 26005 | Rupp Small Formula Blend | 7.80 | 22.20 | 21.20 | 20.20 | 19.20 | |
| 26005 | Rupp Small Formula Blend FI400 | 10.30 | 29.35 | 28.35 | 27.35 | 26.35 | |
| 26044 | Select Warted Gourds | 7.90 | 22.45 | 21.45 | 20.45 | 19.45 | |
| 26044 | Select Warted Gourds F1400 | 10.40 | 29.60 | 28.60 | 27.60 | 26.60 | |
| | Select Warted | | | | | | |

GOURDS PEPO

26044U Gourds Untreated

| Priced per package | 1 oz. | 4 oz. | | | | |
|--|-------|-------|--------|--------|--------|---------------|
| Priced per pound in these package sizes | | | 1# | 5# | 25# | Seeds /lb. |
| 26043 Lunch Lady | 27.55 | 64.80 | 189.10 | 186.10 | 183.10 | 3,300 |

7.90 22.45 21.45 20.45 19.45

GOURDS LAGENARIA SICERARIA

| | Priced per package | 1 oz. | 4 oz. | | | | |
|------|--|-------|-------|-------|-------|-------|---------------|
| | Priced per pound in these package sizes | | | 1# | 5# | 25# | Seeds /lb. |
| 260 | Birdhouse 34 Martinhouse | 11.15 | 26.20 | 74.25 | 73.25 | 72.25 | 3,500 |
| 2603 | Birdhouse 4U Martinhouse Untreated | 11.15 | 26.20 | 74.25 | 73.25 | 72.25 | 3,500 |
| 2600 | 2U Bushel Untreated** | 14.35 | 33.65 | 95.45 | 94.45 | 93.45 | 1,800 |
| 260 | Extra Long Handled Dipper | 12.25 | 28.75 | 81.45 | 80.45 | 79.45 | 4,500 |
| 260 | 33 Large Speckled Apple | 13.00 | 30.50 | 86.50 | 85.50 | 84.50 | 2,400 |
| 260 | 25 Miniature Bottle | 11.90 | 27.95 | 79.20 | 78.20 | 77.20 | 5,000 |
| 260 | 27 Speckled Swan | 12.00 | 28.20 | 80.00 | 79.00 | 78.00 | 2,200 |
| | ** 15 seeds for \$5.00 | | | | | | |
| | | | | | | | |



The early-season insect protection offered by FarMore Technology can prevent or eliminate damage caused by cucumber beetles. Additionally, the insecticide component has shown a remarkable ability to improve plant vigor and growth under certain environmental conditions.

This patented vigor effect leads to more advanced crop development and superior performance that is especially important when gourd crops are under stress. www.ruppseeds.com/fi400



FarMore' treated items are highlighted in the green in the price tables.

Look for this symbol in the product description tables marking FarMore 'treated items.













| HERBS | | FOR TH | FOR THE PROFESSIONAL GROWER | | | | | |
|-------|---|-----------------------|---|--|--|--|--|--|
| Item# | ▼ Variety wny Mildew Resistant - DMR | Annual / Perennial | Features | | | | | |
| 27041 | Aya, Prospera® DMR | А | New generation of downy mildew protected basil. This semi-compact unique and elegant plant can be used for container and field production. Its leaves are dark, shiny, and flat-spoon shaped. Expect a massive stem and a highly productive plant. Maturity is about 40-55 days from sowing. | | | | | |
| 27042 | Red, Prospera® DMR | А | A downy-mildew resistant basil hybrid. | | | | | |
| Basil | | | | | | | | |
| 27035 | Emily | А | A compact Genovese type basil with medium to large leaves. Because of improved shelf life Emily is recommended for summer production and year round in hot climates; works well in the field or greenhouse. Excellent performance against Fusarium. | | | | | |
| 27019 | Everleaf Emerald Towers | А | This proved to be the best basil in our trials. Flowers up to 10 to 12 weeks later than standard basil. Well-branched variety with dark green, glossy foliage and short internodes. Makes a beautiful towering plant with huge harvest potential that stays tidy for many uses, including in-ground, container gardens and hydroponics. Traditional Genovese flavor is perfect for eating fresh in caprese salad or chopped fresh in recipes. | | | | | |
| 27033 | Genoveser | А | A special, high yielding strain, dark green, cup shaped selection, glossy leaf, recommended for field production. | | | | | |
| 27012 | Italian Large Leaf | А | Leaves are broad, oval and crinkly with spicy flavor. Used in perfumes, Italian seasonings, and soups. | | | | | |
| 27017 | Lemon | А | Pleasing citrus aroma, excellent in vinegars or with fish. | | | | | |
| | | • | More varieties on the next page> | | | | | |

| HERBS FOR THE PROFESSIONAL | | | | | | | |
|----------------------------|------------------------------|-----------|-------|--------|--------|--------|-------|
| Basil | Price per package/pound | 1/4 oz | 1 oz. | 4 oz. | 1# | 5# | 25# |
| 27041U | Aya,Prospera® DMR Untreated | 12.40 | 39.65 | 116.55 | 310.75 | 309.75 | |
| 27012U | Italian Large Leaf Untreated | 3.00 | 5.95 | 17.50 | 46.65 | 45.65 | 44.65 |
| 27017U | Lemon Untreated | 4.10 | 13.00 | 38.20 | 101.80 | 100.80 | |
| 27042U | Red, Prospera® DMR Untreated | 12.40 | 39.65 | 116.55 | 310.75 | 309.75 | |

| HERBS FOR THE PROFESSIONAL | | | M=1,00 | 0 seeds |
|----------------------------------|-------|-------|--------|---------|
| Price per 1,000 seeds (M) | 1M | 5M | 25M | 100M |
| Basil | | | | |
| 27035 Emily | 3.65 | 2.15 | 0.90 | 0.40 |
| Everleaf Emerald 27019 Towers | 22.95 | 21.45 | 20.20 | 19.70 |
| 27033 Genoveser | 3.65 | 2.15 | 0.90 | 0.40 |











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| HERBS | HERBS FO | | OR THE PROFESSIONAL GROWER | | | | |
|-----------|----------------------------|-----------------------|---|--|--|--|--|
| Item # | ▼ Variety | Annual / Perennial | Features | | | | |
| General F | lerbs | | | | | | |
| 27509 | Catnip | Р | A vigorous growing mint loved by cats. Grayish green leaves have a strong mint-like flavor. | | | | |
| 27005 | Chervil | А | The fine cut, deep green leaves look like a delicate, lacy version of parsley. Flavor is a mild anise/parsley and goes well with fish, seafood, eggs or in salads. At its best fresh from the garden. | | | | |
| 27514 | Chives - Staro | Р | Extra thick, dark green leaved variety for all growing purposes. Excellent for forcing and pot growing as well as field production. | | | | |
| 27002 | Coriander - Calypso | А | British bred coriander has excellent bolting resistance and can be cut back and allowed to re-grow at least 3 times throughou the summer due to its extremely low growing point. This quick growing annual herb is best grown for its delicious foliage that can be added to salads, curries and soups. | | | | |
| 27007 | Dill - Bouquet | А | A development from Mammoth Dill. Used in pickles and salad dressings. Adds zest to salads, soups, and vegetables. | | | | |
| 27516 | Dill - Green Sleeves | A | A very stable, fast growing, medium fine leafed variety of dark green dill for production of fresh bundles. Strong bolt resistance. 2 - 2 ½ feet tall. | | | | |
| 27502 | Lavender - Vera | Р | Great for dried flowers, perfuming linens, and repelling moths. Hardy. | | | | |
| 27503 | Oregano - Vulgare | Р | Purple flowered. Seasons tomato sauces, fish, salad dressings and pizza. | | | | |
| 35012 | Parsley - Gigante d'Italia | А | A plain, dark green, large leaf sized variety; very aromatic and high yielding with multiple cuts. | | | | |
| 27504 | Peppermint | Р | Leaves used as mint tea and as a meat garnish. In addition, the mint oil has many other uses. | | | | |
| 27505 | Rosemary | Р | Leaves are used in seasoning meats, sauces, and wonderful for potpourri. | | | | |
| 27506 | Sage | Р | Most widely used herb. Seasons poultry, sausage, etc. | | | | |
| 27011 | Summer Savory | Α | Fresh or dried, used as seasonings in gravies and stews. | | | | |
| 27508 | Thyme - German Winter | Р | Excellent seasoning for soups, i.e. clam chowder, as well as poultry, stews, sauces, pickles and salads. | | | | |

| Ľ | |
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HERBS FOR THE PROFESSIONAL Price per package/pound 27509U Catnip Untreated 3.40 10.80 31.75 84.55 27005U Chervil Untreated 4.95 14.55 38.80 37.80 **Coriander - Calypso** 3.00 4.20 11.05 10.05 9.05 27007U Dill - Bouquet Untreated 3.25 9.45 25.10 24.10 23.10 27502U Lavender Vera Untreated 7.90 25.15 73.90 197.00 196.00 Oregano - Vulgare 7.05 66.00 176.00 175.00 22.45 Parsley - Gigante 35012 **d'Italia** 6.75 9.20 26.15 25.15 24.15

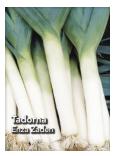
| HERBS FOR THE PROF | | | | | | |
|--------------------------------|--------------|--------|--------|---------|--------|------|
| Price per package/pound | 1/4 oz | 1 oz. | 4 oz. | 1# | 5# | 25# |
| 27504U Peppermint Untreated | 40.45 | 129.35 | 380.35 | 1014.25 | | |
| 27505U Rosemary Untreated | 39.80 | 127.35 | 374.45 | 998.50 | 997.50 | |
| 27506U Sage Untreated | | 14.70 | 42.90 | 114.40 | 113.40 | |
| 27011U Summer Savory Untreated | | 4.40 | 12.55 | 33.45 | 32.45 | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 100M |
| 27514 Chives - Staro | | | 3.65 | 2.15 | 0.90 | 0.40 |
| 27516 Dill - Green Sleeves | | | 3.50 | 2.00 | 0.75 | 0.25 |
| 27508U Thyme - German Wint | er Untreated | | 3.85 | 2.35 | 1.10 | 0.60 |













| KOHLI | RABI | | |
|----------|---------------------|------|---|
| ltem # | ▼ Variety | Days | Features |
| Fresh Ma | rket Varieties | | |
| 29006 | Konstance Konstance | 42 | This kohlrabi has smoother skin and an attractive, vibrant purple color that extends out through the leaf margins. No matter if you grow in spring or fall, Konstance continues to produce flavorful crunchy bulbs that are crack-resistant and long-lasting. |
| 29004 | Quickstar F1 | 49 | A Sakata variety that is slow to bolt. Slightly broad dark green leaves. Extremely uniform fruit. |

| LEEK | | | |
|--------|------------------|------|---|
| Item # | ▼ Variety | Days | Features |
| 30908 | Tadorna | 100 | An Enza variety that grows upright with a long white shaft and dark blue green foliage. Excellent quality for fall harvest, but can be over wintered where moderate winter conditions prevail. Good field holding ability and very easy to clean. |

| KALE | | | | M=1,0 | 000 seeds |
|----------------|--|-------|-------|-------|-----------|
| | Price per 1,000 seeds (M) | 1M | 5M | 25M | 100M |
| 28005 Black M | lagic | 4.10 | 3.05 | 2.30 | 1.80 |
| 28504 Blue Ric | dge | 11.50 | 10.45 | 9.70 | 9.20 |
| | Priced per package | 4 oz. | | | |
| | Priced per pound in these package sizes | | 1# | 5# | 25# |
| 28004U Red Rus | ssian ^{Untreated} | 10.95 | 24.45 | 23.95 | 23.70 |

| KOHLRABI | | | M=1, | 000 seeds |
|---------------------------|-------|-------|-------|-----------|
| Price per 1,000 seeds (M) | 1M | 5M | 25M | 100M |
| 29006 Konstance | 27.80 | 27.25 | 26.75 | 26.25 |
| 29004 Quickstar | 10.75 | 10.20 | 9.70 | 9.20 |

| LEEK | | | | M=1, | 000 seeds |
|---|---------------------------|------|------|------|-----------|
| | Price per 1,000 seeds (M) | 1M | 10M | 100M | 500M* |
| 30908P Tad | orna ^{Pelleted} | 8.15 | 7.90 | 7.70 | 7.55 |
| * Multiple packages may be used to fill orders for these quantities | | | | | |



LETTUCE

PLANTING

Raw Seed Lettuce: Prep the ground so the soil is as fine and loose as possible. Make a seed trench with tines on garden rake. Lightly sprinkle seed in every other trench. Seed should be roughly 1/8"- ¼" deep. Lightly cover the seed with fine soil.

Pelleted Lettuce: Seed in trays 3-4 weeks prior to transplanting. Direct seed into field planting at a depth of 1/8 inch. Seed or transplant lettuce at 10-12" apart in row and 10-12" between rows.

Optimal germination is 50-72 degrees and should sprout in 7-10 days. Lettuce seed will go dormant if soil temperature does get too high.

MANAGEMENT

Growing on white plastic mulch is highly recommended to help keep weeds under control. Leaf head lettuce, Butterhead, and Romaine are the easiest types to grow and sell for fresh markets or roadside stands. Typically, growers cut lettuce in the cool of the morning or evening prior to market day. Cut at the base of the plant and cool at 40 degrees in a high humidity environment. If lettuce wilts, place stems in fresh water in the refrigerator.

HARVEST

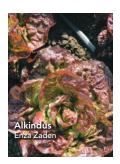
Lettuce is an easy crop to add to an early farmers market or fall market. Lettuce can be easily sold alongside many other crops such as beets, radishes, pak-choi, carrots, and spinach. Another trick of the trade is selling a mix of lettuce that is unique to your market or stand. Growers can add different colored lettuce and leaf types or even mustards, or other micro greens to spice up their signature mix. We see growers typically trying to do 2:1 ratio of green to red lettuce.

STORAGE

Leafy greens can be stored close to 32°F. At this temperature, they can be held for 10 - 14 days.

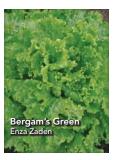
Icon Key for: **LETTUCE**















ORDERS OVER \$350 ARE SHIPPED FREE!







SAVE WITH CASH DISCOUNTS The earlier you order the more you'll receive!

See page 130 for all of the details.

November 7% December 6% January 5% February 4% March3% April.....2%

| Item # | Ţ |
|------------|---|
| Butterhead | |
| 30309 | A |

| LETTU | CE | |
|-----------|-------------------------------|---|
| Item # | ▼ Variety | Features |
| Butterhea | d | |
| 30309 | Alkindus Red | A mid-sized variety with beautiful dark red color which is suitable for full season production. |
| 30516 | Harmony ^{Dark Green} | Produces remarkably uniform, glossy, very dark green heads. Its large size and good weight ensures a good packout. Leaves have smooth margins and texture is moderately thick with slight blistering. |
| Iceberg | | |
| 30705 | Meridian Green | Meridian is a pioneer! This variety is first to market with Fusarium Race 1 tolerance and offers the best tolerance commercially available in the iceberg category. Has performed well in trials in the Midwest and NE. |
| Leaf | | |
| 30304 | Bergam's Green Green | A non-heading, dark green variety. |
| 30017 N | Kremlin Green & Red | Kremlin is a green and red leaf variety with frilled margin that has shown strong field tolerance to bolting and tip burn. |
| 30016 | New Red Fire Red | The premier red lettuce for market growers. Superior appearance. Mosaic indexed. |
| Romaine | | |
| 30214 | Breen Red | A unique variety due to its brilliant purple-red exterior color and the interior green color. Top closes nicely, resulting in a perfect formed heart. Great tasting with excellent shelf life. |
| 30215 | Teton Green | Taller and darker plant for spring and fall harvest. Early maturing and produces large and heavy heads. |
| Romaine l | Heart | |
| 30203 | Arroyo Green | A commercial introduction suitable for carton, fresh market and heart production. Shiny dark green. Broad seasonal adaptability. |

| LETTUCE | | | | M=1,0 | 00 seeds |
|---------------------------------------|-------|------|------|-------|----------|
| Price per 1,000 seeds (M) | 1M | 10M | 100M | 400M | 500M |
| Butterhead | | | | | |
| 30309P Alkindus Primed/Pelleted | 11.20 | 7.45 | 7.10 | 6.85 | |
| 30516P Harmony Pelleted | 6.75 | 4.50 | 4.15 | 3.90 | |
| Iceberg | | | | | |
| 30705P Meridian Pelleted | 6.00 | 4.00 | 3.65 | 3.40 | |
| Leaf | | | | | |
| 30304P Bergam's Green Primed/Pelleted | 4.65 | 3.10 | 2.75 | 2.50 | |
| 30017P Kremlin Pelleted | 3.75 | 2.50 | 2.15 | 1.90 | |
| 30016P New Red Fire M.I Pelleted | 4.65 | 3.10 | 2.75 | | 2.50 |
| 30016 New Red Fire M.I. RAW | | 1.70 | 1.35 | | 1.10 |

| LETTUCE | M=1,000 seeds | | | | |
|-------------------------------------|---------------|------|------|------|------|
| Price per 1,000 seeds (M) | 1M | 10M | 100M | 400M | 500M |
| Romaine | | | | | |
| 30214P Breen Pelleted | 11.50 | 7.65 | 7.30 | 7.05 | |
| 30215P Teton Primed/Pelleted | 4.80 | 3.20 | 2.85 | 2.60 | |
| Romaine Heart | | | | | |
| 30203P Arroyo Pelleted | 5.10 | 3.40 | 3.05 | 2.80 | |
| | | | | | |



MELONS

PLANTING

When direct seeding plant $\frac{1}{2}$ " - 1" deep. Soil temperature should be 75 - 85°F. Five to six feet is the recommended row spacing with 18 - 24 inches between plants. If starting with transplants sow 3 - 5 weeks prior to planting outside.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

To ensure high yield place pollinators near fields. A melon needs to be visited by a bee three times to ensure proper pollination. Scout every seven days for weed, insect, and disease pressure. Contact your local extension agent or consult the Midwest Vegetable Production Guide for identification and treatment options.

www.ruppseeds.com/MVPG

HARVEST

Harvest 30 - 35 days after pollination. If shipping, pick at half slip. When picking for fresh market, pick at ¾ to full slip. Wash fruit in peroxyacetic acid (peroxide and acetic acid), as a non-chlorine sanitizing option.

STORAGE

Cool to at least 70°F and at 95% humidity. Shelf life is based on storage temperature. Do not cool below 32°F.

DISEASE CODES

A - Anthracnose

DM - Downy Mildew

F - Fusarium

GSB - Gummy Stem Blight

PM - Powdery Mildew

PRSV - Papaya Ring Spot Virus

WMV - Watermelon Mosaic Virus

ZYMV - Zucchini Yellow Mosaic Virus

Icon Key for: MELONS

*

Grower Preferred All-Stars

Proven Production - Consistent Results Trusted by Growers - Year-After-Year



New to Rupp Seeds in 2026



FarMore Treatment F300



FarMore Treatment F400







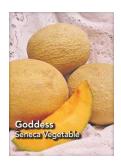






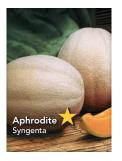


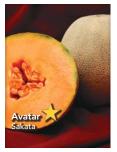
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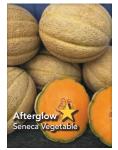


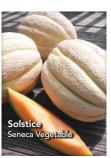


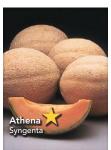














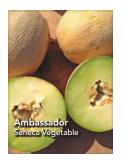




| MELC | NS | CAI | NTALOU | JPE Hybrid | | | | Pricing on page 62 |
|--------|--------------------|-----------|----------------------|---------------------------------------|----------------|---|----------------------|---|
| Item # | Variety | ▼ Days | Fruit Size pounds | Net / Sutures | Flesh Color | Disease | Harvest Indicator | Features |
| 31075 | Goddess | 68 | 5 - 6 | Medium Net / Light Sutures | Orange | F ^{0,1,2} , PM ^{1,2} | Full Slip | An extremely early Athena type with good disease tolerance and good holding ability. |
| 31014 | ★ Cleopatra | 70 | 4 - 6 | Medium Net / Light Sutures | Orange | F ^{0,1,2} , PM ^{1,2} | Full Slip | Consistent early fruit set. Tight seed cavity and great quality for an early variety. Suitable for local delivery, roadside stands and fresh market. Great as a first early or to plant with Goddess. |
| 31015 | Accolade 🍆 | 73 | 6 | Medium Net / Light Sutures | Orange | F ^{0,1,2} , PM | Full Slip | Improved internal fruit quality for extended shelf life. Enhanced vine strength. Tight seed cavity with firm flesh. |
| 31071 | Aphrodite 🎾 🙋 | 75 | 6 - 8 | Coarse Net / Light Sutures | Salmon | F ^{0,1,2} , PM ^{1,2} | Full Slip | Today's standard for Eastern shipping melons. Larger and better holding ability than the former standard, Athena. |
| 31084 | Avatar | 75 | 7 - 9 | Full Net | Orange | F ^{0,1,2} , PM ^{1,2} | Full Slip | Large Eastern shipper with medium open cavity. Firm, flavorful orange flesh. Exterior is light green and turns to a yellow-tan when fully ripe. Ideal for higher latitudes. |
| 31018 | Sugar Rush | 75 | 4 | Medium Net / No Sutures | Orange | F ^{0,1,2} , PM ^{1,2} | Full Slip | Quality meets size. This is the big brother to Sugar Cube. Productive plant and high Brix. |
| 31017 | Afterglow | 78 | 5 - 7 | Medium Net / Deep Green Sutures | Orange | F ^{0,1,2} , PM ^{1,2} | Full Slip | Late sutured melon with high Brix and firm flesh for extended holdability. |
| 31085 | Solstice | 78 | 7 - 12 | Heavy Net / Deep Sutures | Orange | F ^{0,1,2} , PM ^{1,2} | Full Slip | A Seneca Vegetable Research release similar to old "Eastern" types. Has great sugar, flavor and yield. Very large fruit. Great disease package. |
| 31050 | 🛨 Athena 🌑 | 80 | 5 - 7 | Medium Net / Light Sutures | Salmon | F ^{0,1,2} , PM ^{1,2} | Full Slip | Athena delivers the sweet flavor and texture consumers demand. Athena melons stay firm even when harvested at full slip. |
| 31086 | NEW Nebula | 80 | 5-7 | Heavy Net/ Light Sutures | Deep Orange | F ^{0,1,2} , PM ^{1,2} | Full Slip | Beautiful Eastern melon with excellent holding ability. Outstanding flavor and texture, and known to be a widely adaptable variety. |
| 31021 | Thunderstruck | 80 | 5 - 7 | Medium Net / No Sutures | Deep Orange | F ^{0,1,2} , PM ^{1,2} | Half Slip | Enhanced holding ability with Eastern flavor and texture. It is best to monitor background color change before full slip to determine optimum harvest time. Great sugar levels. |
| 31009 | Shockwave | 85 | 4 - 6 | Medium Net / No Sutures | Deep Orange | F ^{0,1,2} , PM ^{1,2} | Half Slip | Outstanding eating quality with an average Brix of 15%. Has firm flesh with a very small seed cavity. This melon has an extended hold ability for a controlled pick. Slips when mature. |

Harvest Indicator (Slip): Slip is defined as a small crack that forms around the stem. Typically, when harvesting a cantaloupe and consuming it within a few days a full slip melon is your best choice, but the shelf life is limited. If you desire to pick less often and store the cantaloupe in a cooler, you might want to consider a half slip melon. You will still get good flavor, good sugar, and a firm texture. The third stage would be clipping. At this stage, the brix's have fully developed and fruit are firm and soften as they are stored. A clipped melon does not mean it is of lower quality.

61







| MELO | NS | MIX | MIXED/SPECIALTY Hybrid | | | | | | | |
|--------|-------------|-----------|------------------------|-------------------------------|---------------|---|---|--|--|--|
| Item # | Variety | ▼ Days | Fruit Size pounds | Net / Sutures | Flesh Color | Disease | Features | | | |
| 31717 | Gourmet | 70 | 3 - 4 | Distinctive Netting | Creamy White | | LIMITED SUPPLY A high sugar, 15 Brix, melon from Hollar. Great flavor, texture and yield make this one an excellent choice for roadside marketers. | | | |
| 31704 | Ambassador | 76 | 6 - 8 | Heavy Net / Slight Sutures | lvory / Green | F ^{0,1,2} , PM ^{1,2} | Larger than other galia melons with high Brix and enhanced fruit firmness for excellent storage ability. Ideal for main season when great tasting melons are desired. | | | |
| 31011 | Earli-Dew 🌔 | 85 | 3 - 4 | No Net / No Sutures | Lime Green | F | Early Honeydew type. Slips when mature. | | | |

| MELON | NS . | PER | SONAL | . SIZE Hybric | d | | |
|--------|------------|-----------|----------------------|-------------------------------|----------------|--|--|
| Item # | Variety | ▼ Days | Fruit Size pounds | Net / Sutures | Flesh Color | Disease | Features |
| 31078 | Sugar Cube | 80 | 2 | Medium Net / Light Sutures | Deep Orange | F ^{0,1,2} , PM ^{1,2} , PRSV, WMV, ZYMV | A personal size melon with deep orange flesh, amazing quality with 14% Brix, and an excellent shelf life. In addition, it has a great disease resistance package. Fruit size is around 4". |

| MELONS CANTALC | | | M=1,0 | 00 seeds | | |
|----------------------------|----------------|--------------|-------------|----------|--------|--------|
| Priced per package | 100 Seeds | 500 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 15M* | 90M* |
| 31015 Accolade FI400 | 20.70 | 81.45 | 116.35 | 113.25 | 111.25 | 110.25 |
| 31017 Afterglow | 14.95 | 58.70 | 83.80 | 80.70 | 78.70 | 77.70 |
| 31071 Aphrodite F300 | 19.40 | 76.20 | 108.85 | | | |
| 31071 Aphrodite FI400 | 19.40 | 76.20 | 108.85 | 105.75 | 103.75 | 102.75 |
| 31050 Athena FI400 | 19.60 | 77.15 | 110.20 | 107.10 | 105.10 | 104.10 |
| 31084 Avatar F300 | 14.45 | 56.70 | 81.00 | 77.90 | 75.90 | 74.90 |
| 31014 Cleopatra | 15.20 | 59.65 | 85.20 | 82.10 | 80.10 | 79.10 |
| 31075 Goddess | 16.00 | 62.80 | 89.65 | 86.55 | 84.55 | 83.55 |
| 31086 Nebula | 17.90 | 70.35 | 100.45 | 97.35 | 95.35 | 94.35 |
| 31009 Shockwave | 16.25 | 63.85 | 91.15 | 88.05 | 86.05 | 85.05 |
| 31085 Solstice | 15.05 | 59.15 | 84.50 | 81.40 | 79.40 | 78.40 |
| 31018 Sugar Rush | 16.35 | 64.20 | 91.70 | 88.60 | 86.60 | 85.60 |
| 31021 Thunderstruck | 16.35 | 64.20 | 91.70 | 88.60 | 86.60 | 85.60 |
| * Multiple packages may be | used to fill o | rders for t | hese quanti | ties. | | |

| Priced per package | 100 Seeds | 500 Seeds | | | |
|---------------------------------|----------------|---------------|-----------|-------|-------|
| Price per 1,000 seeds (M) | | | 1M | 5M | 15M |
| 31704 Ambassador | 14.15 | 56.15 | 80.20 | 77.10 | 75.10 |
| 31011 Earli-Dew F300 | 15.30 | 60.60 | 86.55 | 83.45 | 81.4 |
| 31717 Gourmet Limited Supply | 15.80 | 62.60 | 89.40 | 86.30 | |
| * Multiple packages may be used | to fill orders | for these qua | antities. | | |

| IELONS PERSONAL SIZE Hybrid | | | | | |
|-----------------------------|---------------|---------------------------------------|------------------------------|---|--|
| 100 Seeds | 500 Seeds | | | | |
| | | 1M | 5M | 15M* | |
| 16.70 | 66.15 | 94.50 | 91.40 | 89.40 | |
| to fill orders | for these qua | antities. | | | |
| | 100 Seeds | 100 500 Seeds Seeds 16.70 66.15 | 100 500 Seeds Seeds 1M | 100 500 Seeds 1M 5M 16.70 66.15 94.50 91.40 | |

FARMORE F300 CUCURBITS SEED TREATMENT

FarMore* F300 protects against a broad spectrum of seed and seedling diseases to maximize plant stand establishment. FarMore F300 is a combination of three different but complementary fungicides providing early-season protection from diseases like Pythium, Fusarium and Rhizoctonia. The active ingredients mefenoxam (Apron XL fungicide), fludioxonil (Maxim 4FS fungicide) and azoxystrobin (Dynasty fungicide) deliver a full range of protection.

FARMORE FI400 CUCURBITS SEED TREATMENT

FI400 includes all the benefits and components of F300 with the addition of insecticide component that protects seeds and plants from a broad spectrum of sucking, chewing and soil pests. The active ingredient, thiamethoxam (Cruiser), protects plants during the plants' most vulnerable period – the first 30 to 40 days of growth. In addition, it eliminates or reduces the chance of virus transmission by certain insects. It is recommended for cucurbits that are direct seeded.







| OKRA | | | |
|--------|-----------------------------|------|--|
| Item # | ▼ Variety | Days | Features |
| 33003 | Dwarf Long Green Pod | 55 | 2 - 3' tall plant with dark green, tender pods. |
| 33009 | Jambalaya 2.0 ^{F1} | 50 | Compact plant with small leaves. High yields with uniform fruit. Very early. |

| MUSTARD | | | | | |
|----------------|--|-------|--------|--------|--------|
| | Priced per package | 4 oz. | | | |
| | Priced per pound in these package sizes | | 1# | 5# | 50# |
| 32005 Savannah | | 82.05 | 145.85 | 144.85 | 143.85 |

| OKRA | | | | |
|--|-------|-------|--------|--------|
| Priced per package | 1 oz. | 4 oz. | | |
| Priced per pound in these package sizes | | | 1# | 5# |
| 33003U Dwarf Long Green Pod Untreated | | 7.90 | 12.10 | 11.85 |
| 33009 Jambalaya 2.0 | 22.85 | 67.70 | 213.10 | 212.10 |



























RED CANYON pg. 65

ONIONS

PLANTING

Onions are mostly direct seeded in the field, although some are transplanted as seedlings or sets. Transplants are sometimes used to improve bulb size, as well as to hasten maturity, or to avoid infection by some plant diseases, but this method of crop establishment is more expensive. Planting occurs from late March through early May. Betweenrow spacing varies considerably depending upon weed and foliar disease management, seeder capability, and harvesting equipment. In-row spacing also varies depending upon variety, desired bulb size, between row spacing, soil type, and other management considerations.

Bunching Onions - Direct seed in spring when the soil reaches 50°F. Plant seed 1/4" deep and approximately 1/2" apart.

Bulb Onions/Short Day - Typically short day onions are direct seeded in the southern region of the United States. In order to grow short day onions in the northern region of the United States, the seed has to be sown in greenhouses and then transplanted into the field. Use pelleted seed if direct seeding to help achieve better singulation.

Bulb Onions/Intermediate Day - Direct seed intermediate day onions as soon as soil allows in April or early May. Sow seed 2" apart and thin to 3 - 4" apart for larger onions. Seeding depth should be approximately ¼" deep. If transplanting seed in flats in late February to mid March, tops may be clipped to 5" tall. Use pelleted seed if direct seeding to help achieve better singulation.

Bulb Onions/Long Day - Direct seed long day onions as soon as soil allows in April or early May. Sow seed 2" apart and thin to 3 - 4" apart for larger onions. Seeding depth should be approximately ¼" deep. If transplanting seed in flats in late February to mid March, tops may be clipped to 5" tall. Use pelleted seed if direct seeding to help achieve better singulation. Plant long day onions in the northern latitudes.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Keep onions well weeded with shallow cultivation. Onions are shallow rooted and grow best in moist soil; irrigation may be required. Keep direct seeded onions away from onion sets because onion sets are more prone to disease. Long day onions should be planted in northern latitudes because of daylight requirements for bulbing.

HARVEST

Onions are ready to harvest when tops approximately have 50 - 75% fallen over and the skins have dried. Pull the bulbs by hand or use equipment such as a potato digger or undercutter to cut the roots and lift the bulbs. Wait until all the leaves are dead and dry. It is likely the outer skins will loosen. Pulling onions too green will make them difficult to cure and will affect storing them. Harvest when the weather is dry.

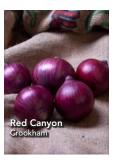
STORAGE

Cure onions at 65 - 85°F at 70% humidity. Curing decreases the incidence of neck rot, reduces water loss during storage, prevents microbial infection, and is desirable for development of good scale color. Curing can be done in the field, preferably when the weather is warm and dry. If it rains let them dry fully before handling. A greenhouse or hoophouse also provides good conditions for curing. Temperatures in the 80's will enhance the bronze color in the skins. Sunshine is good as long as it is not too hot. Extreme sun can produce sunscald. Store onions out of the sun; exposure to light after curing will induce greening of outer scales. Optimum temperature for long term storage of onions is 32°F with 65 - 70% humidity. It is important to cool them down slowly. Using cool late summer and fall temperatures works great to cool onions down slowly.

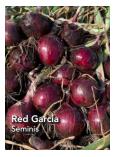
























| 10110 | NS | | | | | Pricing on page 66 |
|-----------|-------------------------------|----------|--------|--------------------|---------|---|
| ltem # | ▼ Variety | Maturity | Color | Bulb Shape | Storage | Features |
| Bulb Onic | ons / Intermediate Day | | | | | |
| 34020 | Candy FI | 100 | Yellow | Globe | Short | A mild flavored onion that will perform well when plants are transplanted for extra large to jumbo sizes. Short term storage only. |
| 34072 | Delightful 🍑 | 108 | Yellow | Globe | Short | A late intermediate onion producing a firm large jumbo bulb that can be easily mechanically harvested. The scale is retentive and golden brown in color. The pyruvate levels on this variety are low at harvest and through storage. |
| 34021 | Great White F1 | 103 | White | Globe | Medium | A white Spanish Class onion. Great yield potential for its maturity. Has attractive, luminescent white package with a high rate of single centers. |
| 34016 | Red Canyon F1 | 100 | Red | Globe | Medium | An early choice for intermediates. It has a solid and consistent globe shape and a bold red color. Dependable yields with a high percentage of single centers containing distinct red rings. |
| 34039 | Spanish Medallion F1 | 115 | Yellow | Globe | Short | This yellow onion is firm with excellent skin retention. It is globe to tall globe shape and jumbo to colossal in size. It is tolerant to pink root and fusarium basal rot. |
| Bulb Onic | ons / Long Day | | | | | |
| 34071 | Red Garcia | 115 | Red | Globe | Long | This is a main-season maturity red onion with medium-long storage. It has strong, erect tops and has performed consistently well over several years of small plot trials. |
| 34000 | SV4643NT F1 | 112 | Red | Flattened Globe | Long | Not Available in 2026 Bold red colored variety with excellent yield potential. Has both superb interior and exterior color. Stores very well. |
| 34074 N | EW Tantrum | 112 | Red | Globe | Long | Beautiful performing onion that produced large jumbo bulbs with a dark rich red color on the outside and distinctive red rings internally. Root system remains strong throughout the season. Expect good lasting storage for 4-6 months |
| 34073 | Trident | 115 | Yellow | Globe | Long | Recommended to plant in the later long day segment for optimal vigor during the hotter and more stressful growing season. Trident is widely adaptable in all markets. |
| Bunching | Onions | | | | | |
| 34510 | Ishikura Improved Bunching | 66 | White | | | ATokyo Long type with fancy, lengthy, white stalks. A good shipper. |
| 34036 | Red Bunching F1 DPS 3047 | 55 | Red | | | A red skinned, white fleshed bunching onion with an attractive deep color. This onion makes a striking presentation in the market. |
| | | | | | | |

Icon Key for: ONIONS

New to Rupp Seeds in 2026



FarMore Treatment F300





SAVE WITH CASH DISCOUNTS

The earlier you order the more you'll receive!

See page 130 for all of the details.

November 7%
December 6%

January 5% February 4%

March3%

April......2%

ORNAMENTAL

SORGHUM / BROOMCORN

20.75

51.80

Item # ▼ Variety

Days Features

Broom Corn Sorghum

05538 **Blend** 100-110

This seed is a combination of our Mixed Color Broom Corn and the Colored Uprights Sorghum seeds. Seed head colors vary from either gold, bronze, red, brown, burgundy or black. Maturities vary from 100-110 days. As the seed heads mature, the color will deepen and become heavier and shiny.

ONIONS

Descriptions on page 81. M=1,000 seeds

| | Price per 1,000 seeds (M) | 5M | 25M | 100M | | |
|--------|------------------------------------|--------------------------------------|------|------|--|--|
| 34020 | Candy F300 | 6.70 | 5.55 | 4.10 | | |
| 34020P | Candy F300 Pelleted | 8.05 | 6.70 | 4.95 | | |
| 34072 | Delightful F300 | 10.05 | 8.35 | 6.15 | | |
| 34072P | Delightful F300 Pelleted | 11.50 | 9.55 | 7.05 | | |
| 34021P | Great White F300 Pelleted | 10.65 | 8.85 | 6.55 | | |
| 34036 | Red Bunching DPS 3047 | 8.65 | 7.20 | 5.30 | | |
| 34016P | Red Canyon F300 Pelleted | 11.55 | 9.60 | 7.10 | | |
| 34071 | Red Garcia | 7.90 | 6.55 | 4.85 | | |
| 34039P | Spanish Medallion Treated Pelleted | 8.65 | 7.20 | 5.30 | | |
| 34000 | SV4643NT F300 | 8.65 7.20 5 Not Available in 2026 | | | | |
| 34074 | Tantrum | 10.75 | 8.95 | 6.60 | | |
| 34073 | Trident | 9.45 | 7.85 | 5.80 | | |
| | | 4 | | 4.0 | | |

ORNAMENTAL SORGHUM / BROOMCORN

| Priced per package | 4 oz. | | |
|--|-------|-------|-------|
| Priced per pound in these package sizes | | 1# | 5# |
| 05538U Broom Corn Sorghum Blend Untreated | 18.40 | 52.85 | 49.85 |

P

FarMore F300, an advanced fung

34510 Ishikura Improved Bunching

FarMore F300, an advanced fungicide seed treatment technology, delivers protection for a variety of small-seeded vegetable crops against a broad spectrum of seed and seedling diseases. With the active ingredients mefenoxam (Apron XL'), fludioxonil (Maxim' 4FS) and azoxystrobin (Dynasty'), FarMore F300 enhances seedling emergence, plant stand establishment, plant health, early-season vigor and yield potential. www.ruppseeds.com/f300



FarMore' treated items are highlighted in green in the price tables.

Look for this symbol in the product description tables marking FarMore treated items.





| PARSLI | ₹Y | | |
|--------|------------------|------|--|
| Item # | ▼ Variety | Days | Features |
| 35012 | Gigante d'Italia | 75 | A plain, dark green, large leaf sized variety; very aromatic and high yielding with multiple cuts. |

| PARSNIPS | | | |
|----------|---------------------|------|--|
| Item # | ▼ Variety | Days | Features |
| 36005 | Javelin F1 | 110 | A hybrid developed in Europe for the pre-pack market with high marketable yield in the desired size range. Roots have level crowns and wash easily. Superior quality and marketability vs. OP varieties. |
| 36007 | Sabre ^{F1} | 150 | A main season, high yielding parsnip with a smooth white skin. Good resistance to canker. It has an improved slender shape and holds its weight nicely down the root. Also, works well for storage and can hold its white color. |

| PARSLEY | | | | | |
|--|-------|-------|-------|-------|-------|
| Priced per package | 1 oz. | 4 oz. | | | |
| Priced per pound in these package sizes | | | 1# | 5# | 25# |
| 35012 Gigante d'Italia | 6.75 | 9.20 | 26.15 | 25.15 | 24.15 |

| PARSNIPS M=1,000 see | | | | | | | | |
|--------------------------------------|------|------|------|------|--|--|--|--|
| Price per 1,000 seeds (M) | 5M | 50M | 100M | 500M | | | | |
| 36005P Javelin Primed, Pelleted | 5.75 | 5.20 | 4.95 | 4.60 | | | | |
| 36007P Sabre Primed, Pelleted | 5.85 | 5.30 | 5.05 | 4.70 | | | | |



B































PEAS

PLANTING

Direct seed $1\frac{1}{2}$ " - 2" deep in soils that are at least 40° F. Plant in rows that are 30" - 36" apart and 1" - 2" between the plants.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Scout field for insect, weed, and disease pressure.

HARVEST

Harvest peas when ripe. In shelling peas, pods should be filled out and able to feel individual peas. Pea pods should be harvested before seed develops inside the pod.

STORAGE

After harvest store peas at 50 - 60°F with 95% humidity to ensure quality.

DISEASE CODES

MV - Enation Mosaic Virus

F - Fusarium

NW - Near Wilt

PM - Powdery Mildew

RR - Root Rot

W - Common Wilt Race 1

WP - Western Pea Streak Virus

YM - Bean Yellow Mosaic

| PEAS | | | | | | | |
|-----------|---------------------|------|--------|---------------|-----------------|------------------|---|
| Item # | ▼ Variety | Days | Height | Pod Length | Peas per Pod | Disease | Features |
| Fresh Mar | ket Varieties | | | | | | |
| 12033 | Legacy | 67 | 26" | 3 1/2" | 7 - 9 | F, PM | A Bolero replacement, one day earlier with resistance to powdery mildew. |
| 12003 | Maestro | 61 | 18" | 4" | 9 | MV, PM, W, YM | Heavy crops, very disease resistant. |
| 12005 | PLS 566 | 64 | 22-24" | 3.7" | 10-12 | F, PM | Long, light green pods stand out against the dark green vine. Two pods per node and high yields. Shows tolerance to downy mildew. Great companion to PLS 595. |
| 12008 | PLS 595 | 67 | 30" | 3.6" | 9 - 10 | F, PM | Fresh market or processor. High yields. Great taste. |
| 12035 | Sabre | 65 | 24" | 3 ½" | 9 - 10 | F, RR, PM | Sabre is a normal vine type with long pods. The dark green berries produce wonderful yields - frozen, canned or fresh. |
| 12519 | Short Story PLS 534 | 58 | 20-22" | 3.8" | 9-10 | F 1 & 2, RR | Second early afila with double pods. Creates fantastic yields. Great companion to PLS 595. |

| PEAS SNOW | | | DW . |
|-----------|---------------------|------|---|
| Item # | ▼ Variety | Days | Features |
| 12102 | Oregon Sugar Pod II | 68 | 30" vine with 4" pods, disease resistant. |

| PEAS | | SUG | SUGAR SNAP | | | | | |
|--------|------------------|-------|---|--|--|--|--|--|
| Item # | ▼ Variety | Days | Features | | | | | |
| 12206 | Cascadia | 67 | Unusually thick pod walls on a 30" vine. Pods remain tender and sweeter longer than other cultivars. Flavor improves until seeds are over mature. Has outstanding disease tolerance, eating quality and yielding ability. | | | | | |
| 12201 | Sugar Ann | 52-60 | Earliest and shortest snap pea. 18" vine. Can be grown without support and can be shelled. | | | | | |
| 12209 | Sugar Sprint | 62 | A variety from Syngenta which replaces Sugar Ann. Has resistance to powdery mildew and tolerant to Pea Enation Mosaic Virus. 3" sweet and stringless pods with a plant height of 26". | | | | | |

| PEAS | | | | | | | | |
|--|------|------|------|------|-------|--------|--|--|
| Priced per pound in these package sizes | 1# | 5# | 25# | 50#* | 500#* | 1250#* | | |
| 12033 Legacy | 7.15 | 5.65 | 5.05 | 4.65 | 4.40 | 4.30 | | |
| 12003 Maestro | 8.00 | 6.50 | 5.90 | 5.50 | 5.25 | 5.15 | | |
| 12005 PLS 566 | 7.15 | 5.65 | 5.05 | 4.65 | 4.40 | 4.30 | | |
| 12008 PLS 595 | 7.15 | 5.65 | 5.05 | 4.65 | 4.40 | 4.30 | | |
| 12035 Sabre | 7.10 | 5.60 | 5.00 | 4.60 | 4.35 | 4.25 | | |
| 12519 Short Story PLS 534 | 7.20 | 5.70 | 5.10 | 4.70 | 4.45 | 4.35 | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | | |

| PEAS SNOW PEA | | | | | | | | |
|--|------|------|------|------|-------|--------|--|--|
| Priced per pound in these package sizes | 1# | 5# | 25# | 50#* | 500#* | 1250#* | | |
| 12102 Oregon Sugar Pod II | 7.95 | 6.45 | 5.85 | 5.45 | 5.20 | 5.10 | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | | |

| PEAS SUGAR SNAP | | | | | | |
|--|------|------|------|------|-------|--------|
| Priced per pound in these package sizes | 1# | 5# | 25# | 50#* | 500#* | 1250#* |
| 12206 Cascadia | 9.10 | 7.60 | 7.00 | 6.60 | 6.35 | 6.25 |
| 12201 Sugar Ann | 8.60 | 7.10 | 6.50 | 6.10 | 5.85 | 5.75 |
| Price per 1,000 seeds (M) | 2M | 10M | 20M | 80M | 800M* | 2000M* |
| 12209 Sugar Sprint | 4.75 | 3.75 | 3.50 | 3.30 | 3.05 | 2.95 |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | |



PEPPERS (Sweet)

PLANTING

Sow in the greenhouse 7 - 9 weeks before desired planting date. Allow plants to harden 7 days before transplanting. Plant transplants halfway between rootball and bottom leaves. This will help prevent lodging.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Scout every 7 days to ensure crop development. Consult the Midwest Vegetable Production Guide:

www.ruppseeds.com/MVPG or your local extension agent for identification and treatments.

HARVEST

Cut or break pepper off the plant but leave at least 1" of the stem attached to the pepper.

STORAGE

Clean and wax peppers. Pre-cool at 45° F. Store at $45 - 50^{\circ}$ F with 90 - 95% humidity; this will ensure the longest shelf life.

DISEASE CODES

BLS - Bacterial Leaf Spot

CMV - Cucumber Mosaic Virus

PHY - Phytopthora Root Rot

PMV - Pepper Mottle Virus

PVY - Potato Virus Y

S - Stip

TEV - Tobacco Etch Virus

TMV - Tobacco Mosaic Virus

TSW - Tomato Spotted Wilt

USE RECOMMENDATIONS

FM - Fresh Market

P - Processing

PP - Place Pack

Icon Key for: **PEPPERS** (Sweet)



Grower Preferred All-Stars

Proven Production - Consistent Results Trusted by Growers - Year-After-Year



High Tunnel

Variety is recommended for high tunnel or protected production.



New to Rupp Seeds in 2026



FarMore Treatment F300

























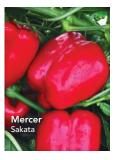




















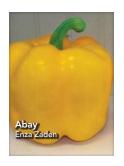






ORDERS OVER \$350 ARE SHIPPED FREE!

| PEPPI | ERS | BEL | L GREE | N TO REC | Hybrid | | Pricing on page 72 |
|-------|--------------------|------------|-----------------|------------------------------|---|--------------|--|
| tem # | ▼ Variety | Days | Flesh | Shape | Disease | Use | Features |
| 37125 | Aristotle X3R* | 72 | Thick | Jumbo Blocky | BLS ^{1,2,3} , PVY, TMV | FM | Heavy set, thick walls, excellent disease protection and enormous frui size. 3 - 4 lobed. The industry standard. |
| 37068 | NEW Cashout S10 | 70- 73 | | Jumbo Blocky | PVY ^{0,1} , TMV, BLS ⁰⁻¹⁰ , TSW, PHY-IR | FM,PP | LIMITED SUPPLY Known for its robust disease resistance and dependable field performance, Cashout's large to extra large, dark green fruit have very smooth walls with a glossy finish. A great choice for place-pack markets. |
| 37338 | NEW Chinook X10R® | 74- 76 | | Large-Extra Large, Blocky | PVY, TMV, PHY, BLS ⁰⁻¹⁰ , PHY-IR | FM,PP,P | LIMITED SUPPLY Features a robust disease resistance package with X10R® technology, and produces dark green, smooth, blocky fruit with excellent uniformity. This is a strong plant with a continuous fruit set habit, demonstrating a higher percentage of 4-lobed fruit. |
| 37065 | Mercer 🍑 | 72 | Thick | Large Blocky | BLS ^{0-3,7,8} , PHY, TMV | FM, PP, P | Widely adapted green-to-red bell pepper well suited for the North Eastern U.S. Plants are vigorous, sturdy, have good cover and have high yield potential. The fruit are firm, dark green and mature to a very attractive deep red color. |
| 37161 | ★ PS 09941819 X5R® | 75 | Thick | Jumbo Blocky | BLS ^{1,2,3,4,5} , PHY | FM | The largest sized pepper we carry. Produces a continuous set of large to extra-large, 3 and 4 lobed fruits on a small to medium sized plant. Fruits are anthocyaninless and appear to have good field tolerance for epidermal separation. |
| 37119 | Red Knight X3R® | 63 | Thick | Large Blocky | BLS ^{1,2,3} , PVY | Р | Medium to large blocky hybrid. Early to red with resistance to BLS races 1, 2 and 3. |
| 37048 | Redfish X10R* | 76 | Thick | Blocky | BLS ⁰⁻¹⁰ , PHY | FM | A widely adapted pepper that is well suited for the early red markets. Redfish has a strong vigorous plant with large fruit and has BLS 0-10 with phytophthora control. |
| 37047 | Regulator | 73 - 75 | Thick | Blocky | BLS ¹⁻¹⁰ , TMV | FM, PP | LIMITED SUPPLY An attractive, widely adaptable variety and produces a high percentage of four lobed fruit. It will maintain size throughout the growing season. The growing area is the Eastern US, both in main season spring and fall. Regulator features a strong plant with good cover and a great fruit uniformity. |
| 37046 | Sailfish X10R® | Early | Thick | Blocky | BLS ⁰⁻¹⁰ , PHY, TMV | FM, P | An early red bell pepper for fresh market, with high-quality, blocky smooth fruit, and excellent red color. |
| 37014 | Sprinter 🚳 | Early | Medium Thick | Blocky | TMV ⁰⁻³ | FM, PP | Produces quality yields of uniform fruit over a long harvest window. Compact plants. It sets fruit well under row cover. Strong against blossom-end rot and russetting. Turns red early. |
| 37042 | Tarpon X10R® | Main | Thick | Large Blocky | BLS ⁰⁻¹⁰ , PHY, TMV | FM, PP | Main-season hybrid with X10R® and intermediate resistance to phytophthora blight. Best for the northeast and midwest U.S. and eastern Canada. Tarpon has a compact plant and produces dark green smooth blocky fruits. |
| 37023 | Turnpike X5R® | 72 | Thick | Blocky | BLS ^{1,2,3,4,5,7,9} , PHY, TMV | FM | Extra large sized fruit with massively thick walls. Provides industry leading potential for yield. |



▼ Variety

Abay 🖚

Early Sunsation X3R

SVPB8415 X10R®

Yellowfin X10R®

PEPPERS

37015

37108

37045

37186



Days

80

70

73-Green/

83-Yellow

73-Green/

76-Yellow



Shape

Blocky

Medium

Medium

Medium

Blocky

Blocky

Blocky

Disease

BLS¹⁻⁵

BLS^{1,2,3},

BLS^{1,2,3},

TMV⁰⁻³,

PHY-IR,

BLS⁰⁻¹⁰

PVY, TMV

PVY, TMV

Use

FM

 FM

 FM

FM

Features

Continuous setting.

mature stage and has heat setting ability.

across many growing conditions in the eastern U.S.

BELL YELLOW Hybrid

Flesh

Medium

Thick

Thick

Thick

Thick

| | Þ | | |
|--|---|--|--|
| | | | |
| | | | |
| | | | |
| | | | |



















| PEPPERS BELL GRE | EN T | O RED | Hybrid | | M=1,0 | 000 seeds |
|--|--------------|--------------|--------|--------|--------|-----------|
| Priced per package | 100 Seeds | 500 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 50M |
| 37125 Aristotle X3R™ F300 | 19.05 | 84.25 | 120.35 | 111.40 | 106.05 | 101.95 |
| 37125P Aristotle X3R™ F300 Pellet | 19.20 | 84.80 | 121.10 | 112.10 | 106.75 | 102.60 |
| 37068 Cashout S10 F300 Limited Suppl | у | | | | | 117.10 |
| 37338 Chinook X10R Limited Supply | 21.35 | 94.30 | 134.65 | 124.65 | 118.70 | 114.10 |
| 37065 Mercer F300 | 20.50 | 90.65 | 129.45 | 119.85 | 114.10 | 109.70 |
| PS 09941819 with 37161 X5R F300 | 20.20 | 89.25 | 127.50 | 118.05 | 112.40 | 108.05 |
| PS 09941819 with 37161P X5R F300 Pellet | 20.35 | 89.85 | 128.35 | 118.80 | 113.10 | 108.75 |
| 37119 Red Knight X3R™ | 15.60 | 68.85 | 98.30 | 91.00 | 86.65 | 83.30 |
| 37048 Redfish | 19.60 | 86.70 | 123.80 | 114.60 | 109.10 | 104.90 |
| Regulator with X10R 37047 Limited Supply | 19.60 | 86.70 | 123.80 | 114.60 | 109.10 | |
| 37046 Sailfish with X10R | 20.95 | 92.65 | 132.30 | 122.50 | 116.65 | 112.15 |
| 37014 Sprinter | 69.65 | 308.15 | 440.20 | 407.55 | 388.10 | 373.15 |
| 37042 Tarpon with X10R F300 | 21.10 | 93.20 | 133.10 | 123.20 | 117.30 | 112.75 |
| 37042P Tarpon with X10R F300 Pellet | 21.20 | 93.80 | 133.95 | 124.00 | 118.05 | 113.50 |
| 37023 Turnpike XSR™ | 20.95 | 92.60 | 132.25 | 122.45 | 116.60 | 112.10 |
| 37023 Turnpike XSR™ F300 | 21.05 | 93.00 | 132.85 | 123.00 | 117.10 | 112.55 |

| PEPPERS BELL YEL | | M=1,000 seeds | | | | |
|---------------------------------------|--------------|---------------|-------------|--------|--------|--------|
| Priced per package | 100 Seeds | 500 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 50M |
| 37015 Abay | 20.75 | 91.80 | 131.10 | 121.35 | 115.55 | 111.10 |
| 37108 Early Sunsation X3R | 15.00 | 66.30 | 94.70 | 87.65 | 83.45 | 80.20 |
| SVPB8415 X10R 37045 Limited Supply | 21.65 | 95.60 | 136.55 | 126.40 | 120.35 | 115.70 |
| 37186 Yellowfin F300 | 31.60 | 139.80 | 199.70 | 184.90 | 176.05 | 169.25 |
| * Multiple packages may be | used to fill | orders for th | ese quantit | ies. | | |

Offers strong bacterial leaf spot resistance. Very strong plant with high

yield potential. Outstanding coloration. Excellent firmness and fruit quality.

A Seminis hybrid with Bacterial Leaf Spot 1, 2 and 3 resistance. Is early with dark

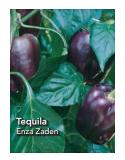
green blocky fruit turning golden and sweet at maturity. Maintains firmness in

LIMITED SUPPLY Offers fast color change from green to yellow. Very adaptable

An early maturing green to yellow bell pepper with a robust disease package.

Known for excellent fruit quality with a smooth and blocky shape.







| PEPPE | PEPPERS | | BELL OTHER COLORS Hybrid | | | | | | | |
|--------|------------------|-------|--------------------------|-----------------------------------|------------------|------------------------------------|-----------|--|--|--|
| Item # | ▼ Variety | Days | Flesh | Color | Shape | Disease | Use | Features | | |
| 37090 | Delirio | 68 | Thick | Dark Green to Bright Orange | Medium Blocky | TM ^o | FM, PP | An early maturing, medium to large blocky, dark green to vivid bright orange, sweet bell pepper. Good holding quality. | | |
| 37013 | Milena 🕰 | Early | Thick | Green to Orange | Medium | PVY, TM ⁰⁻³ , TSW | FM, PP | Thick walls and uniform 3-4 lobed fruit. Peppers average ½ lb and 3" x 4" in size. Vigorous open plant habit with good yield and solid set, even under hot conditions. Plants average 28" tall and are upright and sturdy. Works well in the greenhouse, unheated tunnels or open field. Strong disease package. | | |
| 37088 | Tequila | 68 | Thick | Lilac to Red | Large Blocky | TMV ⁰ | FM | Larger and better quality than its other lilac competitors. Matures from lilac to a medium red color. 3 - 4 lobe. | | |
| 37550 | Valahia | Early | Thick | Ivory to Red | Blocky | TM ⁰⁻² | FM | Valahia is a vigorous plant. It is an early hybrid with indeterminate growth, high yields and constant binding, and a well developed root system. | | |

| PEPPERS BELL OT | HER C | :OLOR: | S Hybrid | d | M=1,0 | 000 seeds |
|---------------------------|---------------|----------------|-------------|--------|--------|-----------|
| Priced per package | 100 Seeds | 500 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 50M |
| 37090 Delirio | 22.20 | 98.15 | 140.20 | 129.80 | 123.60 | 118.80 |
| 37013 Milena | 69.50 | 307.35 | 439.05 | 406.50 | 387.10 | 372.20 |
| 37088 Tequila | 25.70 | 113.70 | 162.40 | 150.35 | 143.15 | 137.60 |
| 37550 Valahia | 12.20 | 53.80 | 76.80 | 71.10 | 67.70 | 65.05 |
| * Multiple packages may b | e used to fil | l orders for t | hese quanti | ties. | | |

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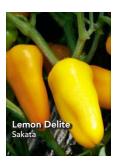
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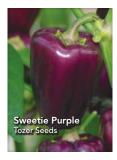




| PEPPE | RS | SWEET | CONES | 5 Hybrid 🕰 | | | |
|-----------|-----------------|-------------------------|--------|-----------------------------------|------------------|------------------------|--|
| Item # | ▼ Variety | Days from Transplant | Flesh | Color | Size | Disease | Features |
| Cornito S | eries | | | | | | |
| 37199 | Cornito Arancia | 80 | Medium | Orange | 1 ½ x 5" | ··• | A half-size Corno di Toro type pepper. Very early and attractive. Grow |
| 37195 | Cornito Giallo | 80 | Medium | Yellow | 1 ½ x 5" | · •• | and sell them individually, or as mixed colors, loose or in a clamshell. |
| 37198 | Cornito Rosso | 80 | Medium | Red | 1 ½ x 5" | | Exceptionally sweet, perfect for grilling and roasting. |
| 37179 | Cornito Blend | 80 | Medium | Red, Orange, Yellow | 1 ½ x 5" | | A multi-colored blend of the three conical peppers, orange, red and yellow. Only available in 100 seed packs. |
| Delite Se | ries | | | | | | |
| 37200 | Lemon Delite | 60-65 | Thick | Yellow | 1 ½ x 3" | TMV ^{0-3,7,8} | Delite Series peppers have strong, vigorous plants with good early |
| 37201 | Orange Delite | 58-65 | Thick | Orange | 1 ½ x 3" | TMV ^{0-3,7,8} | setting that continues throughout the season. The crunchy, flavorful fruit have perfect size, are smooth and glossy. The plants have good |
| 37202 | Ruby Delite | 60-65 | Thick | Red | 1 ½ x 3" | TMV ^{0-3,7,8} | cover. |
| 37203 | Delite Blend | 58-65 | Thick | Yellow, Orange, Red | 1 ½ x 3" | TMV ^{0-3,7,8} | A blend of the three Delite sweet cones. |
| Sweetie S | Series | | | | | | |
| 37190 | Sweetie Orange | 70 | Thick | Orange | 2 ½ - 3" long | | |
| 37194 | Sweetie Purple | 70 | Thick | Purple | 2 ½ - 3" long | | These peppers are extremely sweet and the perfect size for snacking. |
| 37191 | Sweetie Red | 70 | Thick | Red | 2 ½ - 3" long | • | Uniform fruit feature an open seed cavity. They grow great in both open field and protected culture. |
| 37192 | Sweetie Yellow | 70 | Thick | Yellow | 2 ½ - 3" long | | |
| 37193 | Sweetie Blend | 70 | Thick | Orange, Purple, Red, Yellow | 2 ½ - 3" long | | A multi-colored blend of the four Sweetie Peppers. Only available in 100 seed packs. |
| Other Sw | eet Cones | | | | | | |
| 37174 | Oranos | 70 | Medium | Orange | 1 ½ x 7" | TMV ⁰ | The most outstanding orange conical hybrid available! A very early variety that produces vigorous plants with fruit that are especially appreciated for their unique flavor and product presentation. Sets well in the heat. |

74 | Peppers (Sweet)



















| PEPPE | RS | MIS | MISCELLANEOUS Hybrid | | | | | | | |
|------------------|-------------------|------------|----------------------|------------------------|---------------------------------|---|--|--|--|--|
| Item # ▼ Variety | | Days | Flesh | Color | Disease | Features | | | | |
| Banana | | | | | | | | | | |
| 37802 | Godiva | 70 | Thick | Yellow | TSW | Medium vigorous plant with uniform fruits. Fresh and processing harvests with heavy concentrated sets. | | | | |
| 37038 | Lola | 60 - 65 | Thick | Light Green to Red | BLS ^{0-3,7,8} , TSW | Widely adapted variety well suited where bacterial leaf spot or TSWV are a concern. High yield potential of large and extra-large fruit. Plants are medium strong and vigorous with good cover. | | | | |
| 37082 | Sweet Sunset X3R® | 70 | Thick | Light Yellow to Red | BLS ^{0-3,7,8} | Sweet Sunset has a good disease resistance package, high yield potential and is easy to grow. Used for 2nd early in the processing industry. Also known as SV3782PP. | | | | |

| PEPPERS SWEET C | ONES | Hybrid | | | M=1,0 | 000 seeds |
|------------------------------|----------------|---------------|-------------|--------|--------|-----------|
| Priced per package | 100 Seeds | 500 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 50M |
| 37199 Cornito Arancia | 22.30 | 98.50 | 140.65 | 130.20 | 124.00 | 119.20 |
| 37195 Cornito Giallo | 19.90 | 87.90 | 125.55 | 116.25 | 110.70 | 106.40 |
| 37198 Cornito Rosso | 22.30 | 98.50 | 140.65 | 130.20 | 124.00 | 119.20 |
| 37179 Cornito Blend | 26.35 | | | | | |
| 37200 Lemon Delite | 58.60 | 259.25 | 370.35 | 342.90 | 326.55 | 313.95 |
| 37201 Orange Delite | 58.60 | 259.25 | 370.35 | 342.90 | 326.55 | 313.95 |
| 37202 Ruby Delite | 58.60 | 259.25 | 370.35 | 342.90 | 326.55 | 313.95 |
| 37203 Delite Blend | 69.15 | | | | | |
| 37174 Oranos | 59.65 | 263.75 | 376.75 | 348.80 | 332.15 | 319.35 |
| 37190 Sweetie Orange | 35.30 | 156.10 | 223.00 | 206.45 | 196.60 | 189.00 |
| 37194 Sweetie Purple | 35.30 | 156.10 | 223.00 | 206.45 | 196.60 | 189.00 |
| 37191 Sweetie Red | 35.30 | 156.10 | 223.00 | 206.45 | 196.60 | 189.00 |
| 37192 Sweetie Yellow | 35.30 | 156.10 | 223.00 | 206.45 | 196.60 | 189.00 |
| 37193 Sweetie Blend | 41.70 | | | | | |
| * Multiple packages may be u | used to fill o | orders for th | ese quantit | ies. | | |

| PEPPERS MISCELLA | PEPPERS MISCELLANEOUS Hybrid | | | | | | |
|---------------------------|------------------------------|--------------|-------|-------|-------|-------|--|
| Priced per package | 100 Seeds | 500 Seeds | | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 50M | |
| Banana | | | | | | | |
| 37802 Godiva | 12.90 | 56.90 | 81.25 | 75.20 | 71.60 | 68.80 | |
| 37038 Lola | 14.50 | 64.00 | 91.40 | 84.60 | 80.55 | 77.45 | |
| 37082 Sweet Sunset X3R® | 14.45 | 63.90 | 91.25 | 84.45 | 80.40 | 77.30 | |
| | | | | | | | |

^{*} Multiple packages may be used to fill orders for these quantities.

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PEPPERS (Hot)

ANAHEIM (Hatch - New Mexican chili)

Fruit range from 4 - 12" long and 2" wide, green to red at maturity, but also may be yellow, orange to brown. Varieties range from sweet to hot. Use green as fresh, canned or frozen. Mature are usually dried and ground into chili powder or paprika if sweet. Also used in salsas.

ANCHO (Poblano)

The fruit are heart shaped, pointed, thin walled with an indented stem attachment. Immature fruit are dark green with mature fruit being either red or brown. Fruit are 3 - 4" long and about 2" wide and are mildly pungent. The pepper of choice to make chili rellenos.

CAYENNE

Mature red fruit are 5 - 10" long and wrinkled. Irregular in shape, highly pungent, often used as dried, ground powder. Also used fresh in salads, sauces and dishes.

CHERRY

Like the name suggests, round or slightly flattened, green to red, hot or sweet. Similar use to wax pepper.

HABANERO (Habanero-Scotch Bonnet-Bahamian-Jamacian-Ghost) In this species, diversity is enormous. Popular in Jamaica, Yucatan and Brazil. Very, very hot and persistent, but aromatic. Fruit are 1 - 2½" long and 1 - 2" wide. Green to variable mature colors of yellow, orange, red or white. Use dried as a spice, fresh or processed. Plant starts slower than other pepper types. Ghost peppers are subconical to conical shape measuring 2.5 to 3.5 inches in length. They are approximately three times hotter than typical habaneros. Red is the most common color at maturity, with orange, yellow and chocolate as rarer varieties.

JALAPEÑO

Fruit are thick walled, conical shaped, dark green when immature turning red at maturity and most cultivars are highly pungent. Fruit may show cracking or corkiness which is a desirable trait in Mexico. Length vary widely. Use canned, pickled, salsas or fresh. When dried, by smoking, they are called chipotle.

ORNAMENTALS

Peppers classified as ornamentals do not carry a characteristic that makes them in-edible. They are individuals from the many groups previously listed that happen to have leaves and fruit that are particularly attractive and give them ornamental value.

PASILLA

Pod length is 6 - 12" long and 1 - 2" wide. Fruit color is dark green, turning brown at maturity. Usually dried before use in moles and salsas.

RED CHIL

Fruit are $2\frac{1}{2}$ " long by $\frac{1}{2}$ " wide, green when immature changing to red at maturity. Fruit have thin walls, taper to a point and are used for drying, processing and sauce. Hot!

SERRANO

Fruit are $\frac{1}{2}$ " wide and 2 - 3" long. Medium walls and shaped similar to Jalapeño and is the pepper of choice in Salsa Verde and other southwestern relishes.

THAI HOT

Green fruit to red at maturity, very hot, tiny 3/8" wide by 1" long fruit. Popular in oriental markets.

WAX

Yellow when immature, orange-red at maturity. Can be pungent or non-pungent. Vary from 2 - 8" long and about 2" wide. Use pickled or fresh in salads and relishes.

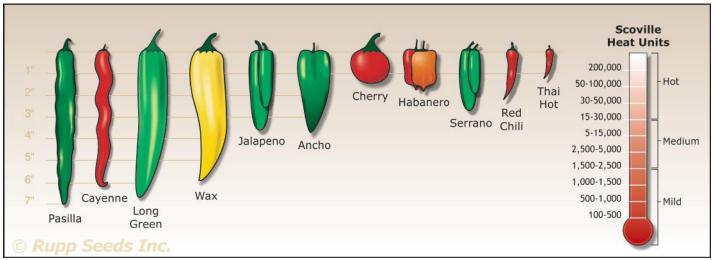












| PEPPER | ?S | НОТ | Hybrid | | | | | Pricing on page 78 |
|-------------------|-------------------|-----------|--------|--------------------------------|-----------------------------|------------------------------|----------|--|
| Item # Anaheim | ▼ V ariety | Days | Flesh | Color | Relative Scoville Rating | Disease | Use | Features |
| 37412 | Charger | 75 | Thick | Green to Deep Red | 1,000 to 2,000 | TSW | FM | The leader in Anaheims with large, smooth, two lobed frui Vigorous, erect plant with excellent foliage cover protectin the fruit. |
| 37546 | Lambo | 75 | Thick | Medium Green to Red | 1,000 to 2,000 | TSW, BLS ^{1,2,3} | FM | A medium-large plant that has large leaves providing excellent cover. High-yielding and the fruit are a traditional shape, green to red in color and thick walls. |
| 37462 | Spitfire | | | Green to Red | 90 to 130 | PHY | FM | Only known Anaheim hybrid with phytopthora resistance. Large fruit size. |
| Ancho / Po | blano | | | | | | | |
| 37457 | Sargento | 80- 85 | Thick | Glossy Dark Green to Red | 350 to 1,750 | РНҮ | FM | An extra-large fruited poblano Ancho with very good quality is suited for multiple harvests. The fruit are mid-long taper firm, straight, and have a high percentage of two lobes. Intermediate resistance to phytophthora. Suited for the freand drying market. |
| Cayenne | - | | | | | | | |
| 37458 | Arapaho Cheyenne | 70 | Thick | Light Green to Red | 2,000 to 4,000 | | FM, P | A cayenne with large, long, narrow fruit. Produces high yie of early maturing fruit; compact plant. Medium pungency |
| | | | ••••• | | • | • | | More varieties on the next page> |

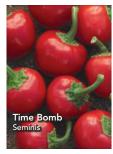
Icon Key for: **PEPPERS** (Hot)





Peppers (Hot)













| PEPPER: | PEPPERS | | Hybrid | | | | | |
|----------------------|------------------|-------------|--------|------------------|-----------------------------|----------------------|----------|---|
| Item # Hot Cherry | ▼ Variety | Days | Flesh | Color | Relative Scoville Rating | Disease | Use | Features |
| 37467 | Bombita | 68 | | Green to Red | - | - | FM, P | Bombita is the perfect shape, 1.25-1.5" average, for pickling, stuffing and processing. Great tasting, hot, and easy to pick. |
| 37417 | Time Bomb | 65 | | Green to Red | 1,000 | TMV | FM, P | Produces red, hot cherry peppers with a light smoky flavor. Fruit is 1.6 x 1.6". Has light heat and are great pickled, processed or chopped into salsas. |
| Habanero | | | | | | | | |
| 37495 | Rey Akul | 115- 120 | Thin | Orange | 300,000 | | FM | This is a highly vigorous habanero that produces an excellent yield of extra-large, bright orange, triangular fruit. Rey Akul is suitable for open-field and mesh growing habitats. |
| Hot Wax | | | | | | | | |
| 37422 | Blazing Banana | 60 - 70 | Thick | Yellow to Red | 6,000 to 6,500 | BLS ^{1,2,3} | FM, P | Outstanding early maturing variety that displays a strong branched plant with excellent fruit coverage. Fruit size of 9 x 1.75 - 2". |
| 37408 | Inferno | 60 - 65 | Medium | Yellow to Red | 2,500 to 4,500 | | FM, P | A pendant, hot banana type for fresh market or pickling. Very productive and uniform. |
| | | | | | | | | More varieties on the next page> |

| PEPPERS HOT Hybri | d | | | | M=1,0 | 00 seeds |
|---------------------------|--------------|--------------|-------|-------|-------|----------|
| Priced per package | 100 Seeds | 500 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 50M* |
| Anaheim | | | | | | |
| 37412 Charger | 15.15 | 66.85 | 95.45 | 88.35 | 84.10 | 80.85 |
| 37546 Lambo | 15.15 | 66.85 | 95.45 | 88.35 | 84.10 | 80.85 |
| 37462 Spitfire | 13.15 | 58.00 | 82.80 | 76.65 | 73.00 | 70.15 |
| Ancho | | | | | | |
| 37457 Sargento | 13.35 | 59.05 | 84.30 | 78.05 | 74.30 | 71.40 |
| 37425 Trident F300 | 13.05 | 57.60 | 82.25 | 76.15 | 72.50 | 69.70 |
| Cayenne | | | | | | |
| 37458 Arapaho Cheyenne | 13.20 | 58.35 | 83.35 | 77.15 | 73.45 | 70.60 |

| PEPPERS HOT Hybri | id | | | | M=1,0 | 00 seeds |
|----------------------------|----------------|--------------|--------------|-------|-------|----------|
| Priced per package | 100 Seeds | 500 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 50M* |
| Hot Cherry | | | | | | |
| 37467 Bombita | 16.50 | 72.85 | 104.05 | 96.30 | 91.70 | 88.15 |
| 37417 Time Bomb | 16.00 | 70.70 | 100.95 | 93.45 | 89.00 | 85.55 |
| Habanero | | | | | | |
| 37495 Rey Akul | 14.55 | 64.20 | 91.70 | 84.90 | 80.85 | 77.70 |
| Hot Wax | | | | | | |
| 37422 Blazing Banana | 14.25 | 62.95 | 89.90 | 83.20 | 79.20 | 76.15 |
| 37408 Inferno | 12.25 | 54.20 | 77.40 | 71.65 | 68.20 | 65.55 |
| * Multiple packages may be | used to fill o | rders for th | nese quantit | ies. | | |

| Peppers (Hot)



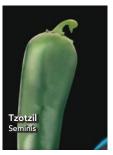












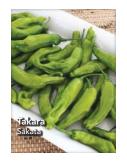


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|----------|-------------------|-----------|---------------|----------------------|-----------------------------|---------------------------------|----------|---|
| PEPPER | 3 | НО | Hybric | | | | | |
| Item # | ▼ Variety | Days | Flesh | Color | Relative Scoville Rating | Disease | Use | Features |
| Jalapeno | | | | | | | | |
| 37476 | Jedi | 70- 75 | Thick | Dark Green | 2500-3600 | BLS ^{1,2,3} | FM, P | Jumbo fruit size with main season maturity. Exhibits outstanding quality and exceptional yield. Fruits are firm, very uniform, and show excellent tolerance to checking /cracking. |
| 37448 | Mammoth | 72 | Very Thick | Dark Green | 3,000 to 5,000 | PVY, TMV | FM, P | Truly "mammoth" in size, it is adaptable for the most markets. Continuous set, superior yields, and excellent fruit quality. |
| 37494 | Ring Maxx | 60- 75 | Thick | Dark Green | 750 to 1,000 | BLS ¹⁻³ | Р | A vigorous processing jalapeno with medium pungency. It is cylindrical and firm with minimal cracking. |
| 37410 | SV3198HJ X3R® | 68 | Thick | Dark Green to Red | 750 to 1,000 | BLS 0,3,7,8 | FM, P | Hot nacho jalapeno with concentrated set of long, cylindrical fruit. Slow to check. |
| 37419 | SV8066HJ X3R® | 74 | Thick | Dark Green to Red | 0 | BLS ^{0-3, 7,8} | FM, P | Offers jalapeno flavor with no heat. Great for blending with hot jalapenos to customize heat level of salsa or hot sauce. |
| 37479 | Trickster | 75 | Thick | Dark Green to Red | 0 | BLS ^{1,2,3} | FM, P | A hybrid No-Heat Jalapeno. Extra large, thick walls, uniform cylindrical fruit on a medium to large plant. |
| 37430 | Tzotzil (b | 60 | Very Thick | Dark Green to Red | 750 to 1,000 | BLS ^{0,3,7,8} , PHY | FM, P | Phytopthora tolerant version of PS 11435810. Fruit may be a little longer and slightly more narrow than the 5810. |
| 37096 | NEW Unicron | 75 | Thick | Dark Green to Red | 5,000 | BLS ^{0-3,7,8} , TMV | FM, P | Averaging 5" in length makes it one of the largest jalapeños on the market. This hot pepper is perfect for hot to cold climates and areas that have difficulty making size. Unicron has thick walls, cracking tolerance, and a strong plant . |
| | | | | | | | | More varieties on the next page> |

| PEPPERS HOT Hybri | | | | M=1,0 | 00 seeds | |
|---------------------------|--------------|--------------|-------|-------|----------|-------|
| Priced per package | 100 Seeds | 500 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 50M* |
| Jalapeño | | | | | | |
| 37476 Jedi | 13.20 | 58.20 | 83.10 | 76.90 | 73.20 | 70.35 |
| 37448 Mammoth | 13.20 | 58.20 | 83.10 | 76.90 | 73.20 | 70.35 |
| 37494 Ring Maxx | 10.85 | 47.80 | 68.25 | 63.15 | 60.10 | 57.75 |
| 37410 SV3198HJ X3R* | 13.25 | 58.60 | 83.65 | 77.45 | 73.75 | 70.90 |
| | | | | | | |

| PEPPERS HOT Hybrid M=1,000 seeds | | | | | | | | |
|--|--------------|--------------|-------|-------|-------|-------|--|--|
| Priced per package | 100 Seeds | 500 Seeds | | | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 50M* | | |
| 37419 SV8066HJ X3R ® | 15.00 | 66.30 | 94.65 | 87.60 | 83.40 | 80.15 | | |
| 37479 Trickster | 13.20 | 58.20 | 83.10 | 76.90 | 73.20 | 70.35 | | |
| 37430 Tzotzil F300 | 13.20 | 58.40 | 83.40 | 77.20 | 73.50 | 70.65 | | |
| 37096 Unicron | 9.70 | 42.90 | 61.25 | 56.70 | 54.00 | 51.90 | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | | |







| PEPPER | PEPPERS | | HOT Hybrid | | | | | | |
|--------|------------|-----------|------------|----------------------------------|-----------------------------|------------------------|-----|--|--|
| Item # | ▼ Variety | Days | Flesh | Color | Relative Scoville Rating | Disease | Use | Features | |
| 37510 | Pathfinder | 60- 75 | Thick | Dark Green | 9,000 | TMV ⁰ , BLS | FM | This serrano maintains its large size throughout the production cycle. High yielding. The peduncle is a key component of Pathfinder as it keeps its dark green color as well, providing a better shelf life and fresh appearance. | |
| 37420 | Takara | 60 | Thin | Bright Green to Bright Red | 50 to 200 | | FM | Typical shishito type pepper with small fruit and mild but rich flavor. The compact plant has a spreading habit, short internodes, is well branched and has high production potential. The fruit uniformity is superior to OP strains. The peduncle holds well to the fruit. | |

| PEPPERS HOT Hybri | d | | | | M=1,0 | 00 seeds | | |
|--|--------------|--------------|-------|-------|-------|----------|--|--|
| Priced per package | 100 Seeds | 500 Seeds | | | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 50M* | | |
| Miscellaneous Hot | | | | | | | | |
| 37510 Pathfinder | 11.10 | 48.90 | 69.85 | 64.65 | 61.55 | 59.15 | | |
| 37420 Takara | 14.35 | 63.30 | 90.40 | 83.70 | 79.70 | 76.60 | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | | |

W

| Peppers (Hot)

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| PEPPE | RS | HO | HOT OP Heritage Varieties | | | | | | | | |
|--------|----------------------|-----------|---------------------------|--------------------------------|------------|--------------------------------|-------|---|--|--|--|
| Item # | ▼ Variety | Days | Flesh | Color | Class Type | Relative Scoville Rating | Use | Features | | | |
| 37502 | Cayenne Long Slim | 72 | Thin | Green to Red | Cayenne | 30,000 to 50,000 | Р | Very productive, pungent, home garden variety. | | | |
| 37501 | Hungarian Yellow Wax | 70 | Medium Thick | Yellow to Red | Wax | 750 to 3,000 | FM, P | Cylindrical fruit are 6 to 8" long x 1 ½ - 2" diameter. | | | |
| 37515 | Pasilla Bajio | 75- 80 | Medium Thick | Dark Green to Red/ Brown | Chili | 1,000- 2,000 | FM,P | LIMITED SUPPLY Peppers are mildy hot and slightly sweet with a rich unique flavor. Slender, 8-14 inch long fruit. | | | |
| 37512 | Red Cherry Large | 75 | Medium Thick | Medium Green to Red | Cherry | 3,500 | FM, P | Processing, home garden, and pickling. | | | |

| PEPPERS HOT OP Heritage Varieties | | | | | | | | | | |
|-----------------------------------|--------|-------|-------|--------|--|--|--|--|--|--|
| Priced per package | 1/2 oz | 1 oz. | 4 oz | 1# | | | | | | |
| 37502 Cayenne Long Slim | 6.50 | 9.45 | 29.40 | 85.20 | | | | | | |
| 37501 Hungarian Yellow Wax | 6.60 | 9.60 | 29.90 | 86.65 | | | | | | |
| 37512 Red Cherry Large | 8.60 | 12.50 | 39.00 | 113.00 | | | | | | |

| Priced per package | 250 Seeds | 500 Seeds | | | | | | |
|--|--------------|--------------|-------|-------|-----|--|--|--|
| Price per 1,000 seeds (M) | | | 1M | 5M | 50M | | | |
| 37515 Pasilla Bajio Limited Supply | 8.35 | 11.35 | 15.10 | 10.05 | | | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | | |

































PUMPKINS

PLANTING

Plant pumpkins ½" - 1" deep. For a general rule of thumb plant seed the depth of three times the thickness of the seed. Plant spacing varies depending on fruit size. If planting a large pumpkin give plant approximately 72 sq. ft. of space. Medium sized pumpkins require 30 sq. ft. of space. Pie pumpkins require 24 - 30 sq. ft. of space. Miniature pumpkins require 10 - 24 sq. ft. of space. See the "Pumpkin Planting/ Harvesting Timing Chart" on page 83) and the "Spacing Chart" (below) for more details.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

POWDERY MILDEW RATINGS

HR - High Resistance IR - Intermediate Resistance

T - Tolerant

MANAGEMENT

Scout fields every 7 days to ensure crop health. Look for insect, weed, and disease pressure. The first three weeks focus on weeds and insect pressure. Then focus on disease pressure. For weed, insect, and disease identification and treatments consult the Midwest Vegetable Production Guide:

www.ruppseeds.com/MVPG or your local extension. Place pollinators in field to ensure maximum fruit set.

HARVEST

Harvest when fruit has developed deep color. Handles will appear dry. Cut handles with shears to protect handles from being broken off.

STORAGE

Clean fruit of dirt and wash in 5% chlorine solution. Let air dry and cure for 10 - 12 days. Make sure air is able to circulate around fruit. It is important to keep fruit dry.

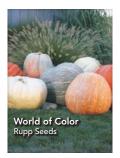
PLANT SPACING

Each variety or type of pumpkin has an optimum plant spacing for its best performance. If plants are too close, stress and competition can decrease fruit size and possibly reduce the number of female flowers. Under extreme stress, tight spacing may eliminate the crop entirely.

- Optimum spacing for maximum yield, especially for jack-olantern pumpkins, will not necessarily be the best spacing for large fruit size. For large fruit, we would suggest reducing plant density to the next recommended plant population.
- Accurate plant spacing will be an equal opportunity environment for every plant.
- Suggested populations are for final plant stands.
- To achieve ideal plant populations it is necessary to either overplant and hand thin or to plant according to recommendations and hand plant later to fill skips.
- Seed corn maggots, wire worms, mice and birds, floods or lack of rain are all common problems that affect accurate stand establishment.

| PUMPKIN SPACING CHART | | | | | | | | |
|-----------------------|--------------|-------------------------------|--------------------|--|--|--|--|--|
| | Row Width | Distance Between Plants | Plants Per Acre | | | | | |
| Category 1 | 12' | 6' | 605 | | | | | |
| Category 2 | 7 ½ to 9′ | 4' | 1,210 to 1,450 | | | | | |
| Category 3 | 6 to 7 ½' | 4' | 1,450 to 1,815 | | | | | |
| Category 4 | 5 to 6' | 2' | 3,600 to 4,350 | | | | | |





Icon Key for: **PUMPKINS**

Grower Preferred All-Stars
Proven Production - Consistent Results
Trusted by Growers - Year-After-Year

Gaining Grower Interest - A Must Try.

Game Changer Variety

Brings a unique trait to the market.







| PUMPKINS | | | NT | | | | |
|----------|-----------------------|------|----------------------|-------------------------|---------------|---------------------|--|
| Item # | ▼ Variety | Days | Weight pounds | Skin | Vine | Spacing Category | Features |
| 38501 | Dill's Atlantic Giant | 120 | 100 - 600 | Orange | Very Large | 1 | Produces giant show pumpkins. |
| 38092 | Monster Smash FI 🕏 | 120 | 50 - 150 | Bright Orange | Very Large | 1 | Complete with slightly flattened/round fruit with moderately defined ribbing, this Rupp release is targeted for those growers who want to enhance their already existing Rupp "Gold Series" pumpkin line. Without question, a Rupp giant pumpkin that is sure to be a "smashing" success! |
| 38007 | Prizewinner F1 | 120 | 50 - 200 | Orange | Very Large | 1 | An excellent display pumpkin with superior shape and color to Atlantic Giant. |
| 38074 | World of Color Blend | 120 | 50 - 125 | Multi Colored Mix | Very Large | 1 | A Rupp product that is a blend of very large pumpkins with coats of many colors. The base of the blend will be a dark red-orange pumpkin that does not fade in the sun. Other colors are white, pink & blue, hubbard blue, plus peach and other nuances discovered in our breeding nursery. All of the fruit are pumpkin shaped and will definitely create a new concept in fall displays. |

| PUMPKINS GIANT | | | | M=1,0 | 00 seeds |
|--|-------|-------|--------|--------|---------------|
| Priced per package | 1 oz. | 4 oz. | | | |
| Priced per pound in these package sizes | | | 1# | 5# | Seeds /lb. |
| 38501 Dill's Atlantic Giant | 18.85 | 49.60 | 149.05 | 146.05 | 1,400 |

| PUMPKINS GIANT | | | | | M=1,00 | 00 seeds |
|----------------------------|-------------|--------------|--------------|--------|--------|---------------|
| Priced per package | 25 Seeds | 100 Seeds | 250 Seeds | | | |
| Price per 1,000 seeds (M) | | | | 1M | 3M | Seeds /lb. |
| 38092 Monster Smash | 21.50 | 71.65 | 132.60 | 353.50 | 350.25 | 2,900 |
| 38007 Prizewinner FI400 | 34.15 | 113.80 | 210.65 | 561.70 | 558.45 | 1,300 |
| 38074 World of Color Blend | 22.00 | 73.30 | 135.65 | 361.65 | 358.40 | 1,200 |

PUMPKIN PLANTING/HARVESTING TIMING CHART

Pumpkin growers who are planting multiple varieties need to consider multiple planting dates so that they can harvest their crop at its peak. The planting date plus the maturity of the variety should equal the potential harvest date. Keep in mind that higher or lower than average heat and sunlight may also impact the development of the crop by decreasing or increasing its maturity. Use this chart to align pumpkin variety maturity with your harvest date to schedule planting.

| Variety | Planting Date: May 1 | Planting Date: May 15 | Planting Date: June 1 | Planting Date: June 15 | Planting Date: July 1 |
|----------|----------------------|-----------------------|-----------------------|------------------------|-----------------------|
| Maturity | Harvest Range | Harvest Range | Harvest Range | Harvest Range | Harvest Range |
| 80 | July 10 - July 30 | July 24 - Aug. 13 | Aug. 10 - Aug. 30 | Aug. 24 - Sept. 13 | Sept. 9 - Sept. 29 |
| 85 | July 15 - Aug. 4 | July 29 - Aug. 18 | Aug. 15 - Sept. 4 | Aug. 29 - Sept. 18 | Sept. 14 - Oct. 4 |
| 90 | July 20 - Aug. 9 | Aug. 3 - Aug. 23 | Aug. 20 - Sept. 9 | Sept. 3 - Sept. 23 | Sept. 19 - Oct. 9 |
| 95 | July 25 - Aug. 14 | Aug. 8 - Aug. 28 | Aug. 25 - Sept. 14 | Sept. 8 - Sept. 28 | Sept. 24 - Oct. 14 |
| 100 | July 30 - Aug. 19 | Aug. 13 - Sept. 2 | Aug. 30 - Sept. 19 | Sept. 13 - Oct. 3 | Sept. 29 - Oct. 19 |
| 105 | Aug. 4 - Aug. 24 | Aug. 18 - Sept. 7 | Sept. 4 - Sept. 24 | Sept. 18 - Oct. 8 | Oct. 4 - Oct. 24 |
| 110 | Aug. 9 - Aug. 29 | Aug. 23 - Sept. 12 | Sept. 9 - Sept. 29 | Sept. 23 - Oct. 13 | Oct. 9 - Oct. 29 |
| 115 | Aug. 14 - Sept. 3 | Aug. 28 - Sept. 17 | Sept. 14 - Oct. 4 | Sept. 28 - Oct. 18 | Oct. 14 - Nov. 3 |
| 120 | Aug. 19 - Sept. 8 | Sept. 2 - Sept. 22 | Sept. 19 - Oct. 9 | Oct. 3 - Oct. 23 | Oct. 19 - Nov. 8 |

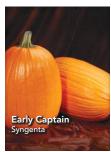
Pumpkin quality will be the best when harvested nearest to the variety's actual maturity.

First, select the maturity of the variety you are using, then pick the date you would like your pumpkins to look the freshest (nice green handle). The required planting date will be at the top of the column.

For example; if you are planting Gold Medal (95 day) and you want them to look their freshest on September 15th, you will want to plant on June 15. However, if you are planting Gold Rush (120 day) and you also want them to look their freshest on September 15th, you will want to plant on May 15.













| PUMPK | PUMPKINS | | | GE | | | | | | | |
|-----------|-------------------------|------|----------------------|--------------------------|-------------------|------------------------|---------------------|--------------|--|--|--|
| Item # | ▼ Variety | Days | Weight pounds | Skin | Powdery Mildew | Vine | Spacing Category | Bin Count | Features | | |
| 38060 | Bellatrix FI | 95 | 25+ | Orange | IR | Large Vine | 1 or 2 | 35 | Large, round, attractive orange pumpkin with a strong dark green handle. | | |
| 38124 | Crisson RPX6451 F1 | 100 | 20 - 25 | Medium Dark Orange | IR | Vine | 3 | 35 | Crisson is an impressive dark orange pumpkin. Its str dark handle makes moving this 20-25 lb ribbed pum easy. Spaced properly, Crisson will fill 35-count bins a day in the upper Midwest and 40-count bins near the Ohio River. In the mountain regions of the southeast, can grow to 27 lbs and still maintain its shape. | | |
| 38130 | Early Captain 🌑 | 90 | 30-40 | Deep Orange | IR | Large Vine | 2 | 15-25 | Upright barrel fruit with a beautiful orange color. | | |
| 38009 | ▼ Early Giant FI | 95 | 25 - 30 | Dark Orange | IR | Large Vine | 2 | 30-35 | Upright fruit on a productive plant with excellent ora color. | | |
| 38011 | Early King FI | 90 | 22 - 28 | Deep Orange | IR | Large Vine | 2 | 35 | Productive plant with excellent rounded orange fruit. | | |
| 38143 NEV | W Galactica 🍅 | 105 | 25-30 | Deep Orange | | Large Vine | 1 or 2 | 30 | LIMITED SUPPLY A beautiful round, dark orange pum that has shown good yields, uniform size and shape. a strong dark handle that complements its size. | | |
| 38123 | Giltedge Gold Fl 🎷 🍆 | 100 | 18 - 24 | Orange | IR | Medium Vine | 2 | 35-40 | The fruit have an elevated shape with a rough texture dark, healthy handles. To maintain fruit weight, do no crowd the plants. | | |
| 38071 | Gold Medallion F1 🌈 🏀 | 110 | 30+ | Orange | | Large | 1 or 2 | 30 | A sister hybrid to Gold Medal that is 2 lbs. larger and larger vine. U.S. Patent #5,811,642. | | |
| 38523 | Gold Rush 🎷 🏷 | 120 | 20 - 35 | Deep Orange | | Large | 1 or 2 | 30 | A large Rupp pumpkin with handles 4" long and 3" i diameter, thick flesh and heavy. U.S. Patent #5,811,6 | | |
| 38500 | Jumpin Jack ™ 🕜 | 120 | 20 - 40 | Orange | | Large Very Vigorous | 1 or 2 | 30 | Very large, well handled, taller than wide variety. | | |
| 38090 | Large Marge F1 | 105 | 30 - 40 | Dark Orange | | Vine | 1 or 2 | 30 | Can set multiple fruit per plant and maintain size. Blo round shape. Ribbed with wrinkled skin. | | |
| 38537 | Ol Zeb's 🌃 | 110 | 20 - 30 | Light Orange | | Medium | 2 | 35 | A Rupp pumpkin developed in Canada. It has a uniqu florescent orange color and a long wispy handle that gives it a particular heirloom look. A high yielder. | | |
| 38072 | Phat Jack | 125 | 50 + | Orange | | Medium | 1 or 2 | 25 | A very large Jack O' Lantern. Tall with a thick handle. | | |
| 38117 | Quigley Gold F1 🎷 🍆 | 100 | 22 - 26 | Dark Orange | IR | Medium Vine | 2 | 30-35 | Its rough texture with varying amounts of warts make this a great addition to fall displays. The round fruit w slight ribbing has some gold flecking and a dark han Harvest early for green warts. | | |
| 38085 | Solid Gold FI 🎷 🍆 | 100 | 25 | Deep Orange | | Medium | 2 | 35 | A Rupp hybrid that has performed very well on the fa Has excellent color, handles and yields. | | |

Pumpkins



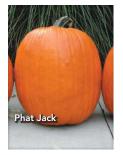














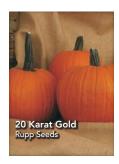




| PUMPKINS XTRA LARG | GE | | | M=1, | 000 seeds |
|--|-------|--------|--------|--------|-----------|
| Priced per package | Seeds | | | | |
| Price per 1,000 seeds (M) | | 1M | зм | 25M | 100M |
| 38060 Bellatrix FI400 | 41.40 | 110.30 | 107.05 | 104.55 | 103.25 |
| 38124 Crisson FI400 | 49.95 | 133.20 | 129.95 | 127.45 | 126.15 |
| 38130 Early Captain FI400 | 39.45 | 105.15 | 101.90 | 99.40 | 98.10 |
| 38009 Early Giant FI400 | 39.30 | 104.75 | 101.50 | 99.00 | 97.70 |
| 38011 Early King F1400 | 39.75 | 105.95 | 102.70 | 100.20 | 98.90 |
| 38143 Galacatica FI400 Limited Supply | 47.30 | 126.10 | 122.85 | 120.35 | 119.05 |
| 38123 Giltedge Gold FI400 | 49.45 | 131.85 | 128.60 | 126.10 | 124.80 |
| 38071 Gold Medallion | 20.30 | 54.05 | 50.80 | 48.30 | 47.00 |
| 38071 Gold Medallion F1400 | 22.95 | 61.20 | 57.95 | 55.45 | 54.15 |
| 38523 Gold Rush | 15.35 | 40.85 | 37.60 | 35.10 | 33.80 |
| 38523 Gold Rush FI400 | 18.00 | 47.95 | 44.70 | 42.20 | 40.90 |
| 38090 Large Marge FI400 | 46.35 | 123.60 | 120.35 | 117.85 | 116.55 |
| 38117 Quigley Gold FI400 | 50.50 | 134.60 | 131.35 | 128.85 | 127.55 |
| 38085 Solid Gold | 35.25 | 93.95 | 90.70 | 88.20 | 86.90 |
| 38085 Solid Gold FI400 | 37.95 | 101.10 | 97.85 | 95.35 | 94.05 |
| Priced per package | 1 oz. | 4 oz. | | | |
| Priced per pound in these package sizes | | | 1# | 5# | 25# |
| 38500 Jumpin' Jack™ | 9.00 | 26.65 | 81.90 | 78.90 | 76.90 |
| 38537 Ol Zeb's | 8.25 | 24.40 | 75.05 | 72.05 | 70.05 |
| 38072 Phat Jack FI400 | 20.50 | 60.60 | 186.40 | 183.40 | 181.40 |

| PUMPKINS LARGE | | | | M=1,0 | 000 seeds |
|----------------------------------|--------------|--------|--------|--------|-----------|
| Priced per package | 250 Seeds | | | | |
| Price per 1,000 seeds (M) | | 1M | 3М | 25M | 100M |
| 38068 20 Karat Gold | 25.80 | 68.70 | 65.45 | 62.95 | 61.65 |
| 38068 20 Karat Gold FI400 | 28.45 | 75.85 | 72.60 | 70.10 | 68.80 |
| 38112 Bannack Gold FI400 | 46.65 | 124.35 | 121.10 | 118.60 | 117.30 |
| 38061 Bayhorse Gold FI400 | 47.30 | 126.05 | 122.80 | 120.30 | 119.00 |
| 38069 Carbonado Gold FI400 | 52.75 | 140.60 | 137.35 | 134.85 | 133.55 |
| 38062 Eagle City Gold FI400 | 43.95 | 117.15 | 113.90 | 111.40 | 110.10 |
| 38113 Garnet Gold FI400 | 49.75 | 132.65 | 129.40 | 126.90 | 125.60 |
| 38001 Orange Rave FI400 | 46.60 | 124.20 | 120.95 | 118.45 | 117.15 |
| 38550 Wolf FI400 | 36.75 | 97.95 | 94.70 | 92.20 | 90.90 |

| PUMPKINS MID SIZE | п | | | | M=1,000 |) seeds |
|--------------------------------|--------------|--------|--------|--------|---------|---------------|
| Priced per package | 250 Seeds | | | | | |
| Price per 1,000 seeds (M) | | 1M | зм | 25M | 100M | Seeds /lb. |
| 38045 Gold Standard | 18.35 | 48.90 | 45.65 | 43.15 | 41.85 | 3,100 |
| 38045 Gold Standard FI400 | 21.05 | 56.05 | 52.80 | 50.30 | 49.00 | 3,100 |
| 38045U Gold Standard Untreated | 18.35 | 48.90 | 45.65 | 43.15 | 41.85 | 3,200 |
| 38034 Secretariat FI400 | 48.95 | 130.45 | 127.20 | 124.70 | 123.40 | 3,000 |
| 38076 Skidoo Gold FI400 | 42.25 | 112.65 | 109.40 | 106.90 | 105.60 | 2,800 |









GROW YOUR BEST PUMPKINS YET!

Our pumpkin guide features tips from product selection through planting and harvest. Visit our website to download it or request a printed copy.

www.ruppseeds.com/PumpkinGuide

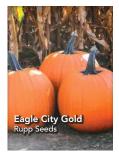


A

В

C

Carbonado Gold Rupp Seeds









| PUMPKINS | | LAR | GE | | | | | | Pricing on page 85 | |
|----------|------|-----------------------------|------|----------------------|------------------------|-------------------|----------------|---------------------|--------------------|---|
| Item # | | ▼ Variety | Days | Weight pounds | Skin | Powdery Mildew | Vine | Spacing Category | Bin Count | Features |
| 38068 | | 20 Karat Gold Fl 🌃 🍆 | 100 | 18 - 22 | Dark Orange | IR | Semi Bush | 2 | 40 | A Rupp pmt, semi-bush hybrid with dark orange rind color and good handles. A potential option for the shipper market. U.S. Patent #5,811,642. |
| 38112 | • | Bannack Gold FI 🎷 🍆 | 100 | 16 - 22 | Deep Orange | IR | Medium Vine | 3 | 35 | Bannack Gold has a unique look with dark flecking and shadowed warts. It has a slightly elevated shape with a well attached handle. |
| 38061 | * | Bayhorse Gold FI 🎷 🍆 | 100 | 15 - 20 | Very Dark Orange | IR | Vine | 3 | 40 | Uniform, slightly elevated hybrid with strikingly gorgeous, very dark orange fruit and elongated dark handle. Can be used for roadside sales or wholesale shipping in 40 count bins. A grower favorite! |
| 38069 | * | Carbonado Gold FI 🎷 🍆 | 100 | 15 - 18 | Very Dark Orange | HR | Vine | 3 | 40 | Dynamic Rupp pumpkin variety with extremely uniform shape and strong handle. Similar in weight to Bayhorse Gold, with a more rounded shape. Perfect for 40 count shipping bins or roadside retail market. |
| 38062 | | Eagle City Gold FI 🎷 🍆 | 100 | 18 - 24 | Medium Orange | IR | Vine | 3 | 35 - 40 | The shallow ribs on the round fruit make it an ideal choice for carving. Has intermediate resistance to powdery mildew. |
| 38113 | | Garnet Gold FI 🎷 🏷 | 100 | 13 - 17 | Dark Orange | HR | Medium Vine | 3 | 40 | Beautiful, round fruit have heavy ribbing, strong handles and a uniform shape. |
| 38001 | | Orange Rave ^{हा} 🍆 | 100 | 15 - 25 | Orange | IR | Semi Vine | 2 | 35 - 40 | A hybrid with rounded to slightly upright fruit and moderate ribbing. Has preferred dark orange color and intermediate resistance to powdery mildew. |
| 38550 | •••• | Wolf b | 120 | 15 - 25 | Deep Orange | | Large | 1 | 40 | Round to oblate shaped fruit with moderate ribs and very thick, long handles. The flesh thickness is excellent which helps to prevent against flat-sided fruit and makes them heavy for their size. |

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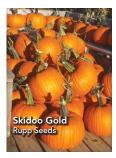
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| PUM | PKINS | MID | SIZE | | | Pricing on page 85 | | | | | |
|--------|---------------------------|------|--------------------|----------------------|----------------|--------------------|--------------------|---------------------|--------------|---------------|--|
| Item # | ▼ Variety | Days | Diameter Height | Weight pounds | Skin | Powdery Mildew | Vine | Spacing Category | Bin Count | Feat | ures |
| 38045 | Gold Standard F1 | 90 | 13 x 13" | 16 | Deep Orange | | Restricted Vine | 3 | 45 | yield righ | opp pumpkin with good handles, high ds and deep orange color. Will blend t in with Howden to bring the average down. |
| 38034 | Secretariat ^{FI} | 105 | 12 x 9" | 15 | Dark Orange | IR | Restricted Vine | 3 | 45 | flatt | ific plants produce beautiful, slightly- ened fruit with thick handles. Works well inned markets or road-side growers. |
| 38076 | Skidoo Gold F1 🕜 🍆 | 90 | 10 x 11" | 12 - 15 | Deep Orange | HR | Restricted Vine | 3 | 45 | with unif | ky, heavily ribbed, mid-sized hybrid powdery mildew tolerance. Improved ormity and color over comparable eties. Skidoo Gold can produce high ds. |

RUPP'S PUMPKIN GROWING TIPS FOR SUCCESS

CROP ROTATION

I strongly recommend that growers NOT plant pumpkins in the same field in consecutive years and would suggest that waiting a minimum of three years between pumpkin crops would be best. If you have adequate acreage, I would even prefer that you wait 5 to 7 years before raising another pumpkin crop in that same field. This helps to reduce and possibly even prevent soil diseases and pest infestations. When possible, raising pumpkins after wheat is a great option. Rotating pumpkins in after corn and soybeans can increase the likelihood of higher rootworm populations and phytophthora, which will be detrimental to the crop.

PLANT SPACING

Correct plant spacing is very important and will vary by product. Planting a full vine variety too close can increase disease pressure. Diseases like powdery mildew or fruit rot can become more prevalent when the vine foliage does not have adequate space for air movement to aid in removing moisture in the plant canopy. Planting too closely will also affect fruit size and yield by holding too much heat in the field and restricting the ability for pollinators to do their job. It also impedes insecticide and fungicide effectiveness by restricting spray penetration.

PEST CONTROL

The biggest problem I hear about concerning insect and disease control is when growers are using the same product in repeated applications. Rotate your insecticide and fungicides based on their mode of action and NOT just brand name or active ingredient. Remember scouting is one of your best tools. For chemical recommendations, consult the Midwest Vegetable Production Guide www.ruppseeds.com/MVPG.

POLLINATION

Pollinators can have a significant effect on pumpkin yield. I have heard it can take 14-17 visits by a pollinator (bees, etc.) in order for a flower to be fully

pollinated. Scout your fields in the morning and if you don't see or hear bees, I recommend bringing in 1 hive of bees per acre.

VARIETY CHOICE

Make sure you know your target market before selecting which hybrids you want to grow. Most retail markets will accept a wide range of sizes, shapes and colors, where wholesale markets tend to have more specific requirements around bin count, size, shape, color and handle.

FIELD LOCATION

Vine crops typically perform better on well-drained sandy soils. The heavier the soils, the greater the importance of drainage. When a pumpkin is ripe, any rain that gets taken up by the plant is deposited into the seed cavity, which may lead to and even speed up the process of fruit rot.

BIOLOGICS

Beneficial bacteria in the soil, or added at planting time, will colonize on the roots and improve root and plant health which will help the plant handle stress (i.e. – drought or excessive water) later in the season.

PLANTING TIMING

This is a topic we discuss often as we continue to develop new varieties. If you are currently growing a late maturing variety and choose to also plant an early variety, DO NOT plant them on the same day. The early variety usually ripens way too early for your market and will likely rot before you harvest. We have a very handy "Pumpkin Planting/Harvesting Timing Chart" on page 83 to assist you with your planting dates.

FERTILITY

Soil testing can't be emphasized enough. Know what is already in your soil, and what you need to add. For invaluable information on this, see the Midwest Vegetable Production Guide link listed under Pest Control.













































| | | | | | | 2 3 7 | | 20.00 | |
|-------------------|---------------------------|------|--------------------|----------------------|------------------|-------------------|--------------|---------------------|---|
| PUMPK | INS | SMA | ALL / PIE | | | | | | |
| tem # | ▼ Variety | Days | Diameter Height | Weight pounds | Skin | Powdery Mildew | Vine | Spacing Category | Features |
| 38075 | Bisbee Gold FI 🌈 🍆 | 90 | 6 ½ x 6 ½" | 6 - 7 | Dark Orange | HR | Semi Bush | 3 | Gorgeous dark orange fruit and jet black handles. Ha tremendously refined ribbing and high resistance to PM. Top of the line! |
| 38144 NE V | Calhoun RPX6888 F1 🌃 🍆 | 90 | 6 1⁄4 x 5 3⁄4" | 4 | Dark Orange | HR | Vine | 3 | Designed for the boxing market and growers who are trimming handles, Calhoun is a slightly upright pumpkin featuring a dark orange color with Rupp Go Flecking, and a thick, dark handle. High PM resistan |
| 88126 | Cortez F1 | 90 | 5 x 5" | 2 - 3 | Orange | IR | Semi Bush | 3 | Orange pie pumpkin with a strong dark green handl Cortez is known to produce high yields and is well suited for the boxing market. |
| 8020 | Darling ^{FI} | 90 | 8 x 12" | 6 - 8 | Dark Orange | IR | Semi Bush | 3 | Unique tall pie pumpkin with intermediate resistand to powdery mildew. |
| 8115 | Fort Knox 🎷 🏷 | 90 | 7 x 7" | 6 | Dark Orange | HR | Medium | 3 | Great for school groups! High yielding pumpkin wit handle that appears as indestructible as its namesak |
| 8142 NEV | Hot Chocolate | 90 | 6X 6" | 5-8 | Chocolate | IR | Medium | 3 | Unique, eye-catching chocolate color with a strong, thick handle. Pairs well with Sunlight, Fort Knox, and Yosemite. |
| 88003 | Jack Sprat ^{F1} | 100 | 6" x 5" | 2 - 3 | Dark Orange | IR | Semi Bush | 3 | Fruit have a nice dark orange exterior and dark gree embedded handles. Very uniform in size and shape. High fruit numbers per plant with an excellent yield potential. |
| 8038 | Pik-A-Pie F1 🌈 🍆 | 85 | 6 x 5" | 5 - 6 | Orange | • | Semi Bush | 3 | Produces uniform fruit with a large, dark green hand Yields an abundance of excellent quality pumpkins. |
| 8067 | Prankster F1 🕡 🍆 | 85 | 6 x 4" | 3 | Dark Orange | IR | Semi Bush | 3 | An excellent stemmed powdery mildew tolerant pumpkin. Good size for boxing, painting and the school market. |
| 8507 | Small Sugar Asgrow Strain | 100 | 6 x 7" | 5 - 6 | Orange | | Medium | 3 | A selection with a distinctly superior handle when compared to other Small Sugar strains. |
| 8040 NEV | Sunlight 🍆 | 100 | 5 X 6 ½" | 5-8 | Golden Yellow | IR | Semi Bush | 3 | Attractive golden yellow Halloween pumpkin with a contrasting dark green handle. Expect a high yield potential with uniform fruit. Pairs well with Hot Chocolate, Fort Knox, and Yosemite. |
| 38047 | Touch of Autumn F1 | 95 | 6 x 5" | 2 1/4 | Medium Orange | IR | Semi Bush | 3 | Great for school groups! A hybrid, with excellent handles and is just the right size for boxing. In most university trials is the highest yielding in fruit numband pounds per acre. |
| 88141 NEV | Voodoo 🍆 | 110 | 4 X 6' | 2-3 | Dark Orange | IR | Semi Bush | 3 | High-yielding, medium-ribbed fruit with a long gre handle. Known for ease in harvest. |
| 8116 | Yosemite 🕜 🐌 | 90 | 6 ½ x 7" | 6-7 | Deep Orange | IR | Medium | 3 | Great for school groups! Yosemite's extra-long hand makes it an attractive addition for your farm market Our trial cooperators love its "stunning shape and color." Stores extremely well. |

















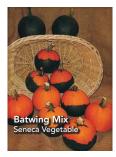
| Yosemite Rupp Seeds | San Maria |
|------------------------|-----------|

| PUM | IPKINS SMALL / I | PIE _ | | | | M=1,00 |) seeds |
|--------|--|-------------|--------|--------|--------|--------|---------------|
| | Priced per package | 250 seed | | | | | |
| | 1 πτεά ρει ράτκαχε | seeu | | | | | Seeds |
| | Price per 1,000 seeds (M) | | 1M | 3M | 25M | 100M | /lb. |
| 38075 | Bisbee Gold FI400 | 45.85 | 122.15 | 118.90 | 116.40 | 115.10 | 3,100 |
| 38144 | Calhoun FI400 | 47.90 | 127.70 | 124.45 | 121.95 | 120.65 | |
| 38126 | Cortez FI400 | 43.90 | 117.05 | 113.80 | 111.30 | 110.00 | |
| 38020 | Darling FI400 | 41.80 | 111.45 | 108.20 | 105.70 | 104.40 | 4,100 |
| 38115 | Fort Knox FI400 | 47.00 | 125.30 | 122.05 | 119.55 | 118.25 | 2,500 |
| 38142 | Hot Chocolate FI400 | 56.20 | 149.85 | 146.60 | 144.10 | 142.80 | |
| 38003 | Jack Sprat FI400 | 43.10 | 114.90 | 111.65 | 109.15 | 107.85 | 5,800 |
| 38038 | Pik-A-Pie | 19.15 | 51.00 | 47.75 | 45.25 | 43.95 | 3,800 |
| 38038 | Pik-A-Pie FI400 | 21.85 | 58.15 | 54.90 | 52.40 | 51.10 | 3,700 |
| 38038U | Pik-A-Pie Untreated | 19.15 | 51.00 | 47.75 | 45.25 | 43.95 | 3,800 |
| 38067 | Prankster FI400 | 28.25 | 75.25 | 72.00 | 69.50 | 68.20 | 3,400 |
| 38040 | Sunlight FI400 | 53.05 | 141.45 | 138.20 | 135.70 | 134.40 | |
| 38047 | Touch of Autumn | 13.30 | 35.35 | 32.10 | 29.60 | 28.30 | 5,500 |
| 38047 | Touch of Autumn FI400 | 15.95 | 42.50 | 39.25 | 36.75 | 35.45 | 5,500 |
| 38047U | Touch of Autumn Untreated | 13.30 | 35.35 | 32.10 | 29.60 | 28.30 | 5,500 |
| 38141 | Voodoo FI400 | 41.65 | 110.95 | 107.70 | 105.20 | 103.90 | |
| 38116 | Yosemite FI400 | 44.50 | 118.60 | 115.35 | 112.85 | 111.55 | 2,400 |
| | Priced per package | 1 oz. | 4 oz. | | | | |
| | Priced per pound in these package sizes | | | 1# | 5# | 25# | Seeds /lb. |
| 38507 | Small Sugar Asgrow Strain | 5.95 | 17.50 | 53.80 | 50.80 | 48.80 | 3,700 |

| PUMPKINS MINIATU | JRE | | | | M=1,00 | 0 seeds |
|--|-------|-------|--------|--------|--------|---------------|
| Priced per package | 1 oz. | 4 oz. | | | | |
| Priced per pound in these package sizes | | | 1# | 5# | 25# | Seeds /lb. |
| 38548 Batwing Mix | 17.50 | 51.75 | 159.15 | 156.15 | 154.15 | 5,800 |
| 38532 Baby Boo | 17.60 | 52.10 | 160.30 | 157.30 | 155.30 | |

| PUM | IPKINS MII | UTAIV | RE | | | | M=1,00 | 0 seeds |
|--------|------------------------------|-------------|-------------|--------|--------|--------|--------|---------------|
| | Priced per package | 100 seed | 250 seed | | | | | |
| Price | e per 1,000 seeds (M) | | | 1M | 3M | 25M | 100M | Seeds /lb. |
| 38032 | Casperita FI400 | 26.35 | 48.75 | 129.90 | 126.65 | 124.15 | 122.85 | |
| 38066 | Gold Dust FI400 | | 24.25 | 64.65 | 61.40 | 58.90 | 57.60 | 6,600 |
| 38066U | Gold Dust Untreated | | 21.60 | 57.55 | 54.30 | 51.80 | 50.50 | 6,700 |
| 38077 | Gold Speck | | 26.90 | 71.70 | 68.45 | 65.95 | 64.65 | 7,000 |
| 38077 | Gold Speck | | 29.60 | 78.85 | 75.60 | 73.10 | 71.80 | 7,000 |
| 38077U | Gold Speck Untreated | | 26.90 | 71.70 | 68.45 | 65.95 | 64.65 | 7,000 |
| 38525 | Jack-B-Quik | | 8.50 | 22.55 | 19.30 | 16.80 | 15.50 | 7,000 |
| 38525 | Jack-B-Quik | | 11.15 | 29.70 | 26.45 | 23.95 | 22.65 | 7,000 |
| 38089 | Midnight FI400 | 22.85 | 42.25 | 112.60 | 109.35 | 106.85 | 105.55 | |
| 38140 | Nightfall F1400 | 22.10 | 40.90 | 109.05 | 105.80 | 103.30 | 102.00 | |
| 38042 | Orangita FI400 | 23.25 | 43.05 | 114.75 | 111.50 | 109.00 | 107.70 | 6,500 |
| 38134 | Phantomita FI400 | 23.70 | 43.85 | 116.85 | 113.60 | 111.10 | 109.80 | |
| 38139 | Sandita FI400 | 21.85 | 40.40 | 107.70 | 104.45 | 101.95 | 100.65 | |
| 38137 | Senorita FI400 | 22.45 | 41.50 | 110.55 | 107.30 | 104.80 | 103.50 | |
| 38043 | Spark | 21.75 | 40.20 | 107.10 | 103.85 | 101.35 | 100.05 | 5,900 |
| 38136 | Sunshine FI400 | 22.95 | 42.45 | 113.10 | 109.85 | 107.35 | 106.05 | |
| 38538 | Wee-B-Little | | 13.60 | 36.25 | 33.00 | 30.50 | 29.20 | 5,500 |
| 38538 | Wee-B-Little | | 16.30 | 43.40 | 40.15 | 37.65 | 36.35 | 5,400 |
| 38538U | Wee-B-Little Untreated | | 13.60 | 36.25 | 33.00 | 30.50 | 29.20 | 5,500 |
| 38078 | WeeeeeOne Blend FI400 | | 30.50 | 81.30 | 78.05 | 75.55 | 74.25 | 7,600 |
| 38078U | WeeeeeOne Blend Untreated | | 27.85 | 74.15 | 70.90 | 68.40 | 67.10 | 7,900 |





















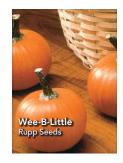




| PUMI | PKII | NS | MIN | IIATURE | | | | | | Pricing on page 89 |
|--------|---|-------------------------|------|--------------------|----------------------|-------------------------|-------------------|--------------|---------------------|---|
| ltem # | | ▼ Variety | Days | Diameter Height | Weight pounds | Skin | Powdery Mildew | Vine | Spacing Category | Features |
| 38532 | | Baby Boo | 100 | 3 x 2" | 1/4 | White | | Vine | 4 | A Jack-B-Quik type. Should be planted later than other Jack-B-Quik types because it turns a pale yellow at full maturity. |
| 38548 | | Batwing Mix | 90 | 3" | 1/4 | Orange/ Green | | Semi Bush | 4 | A unique orange and dark green colored pumpkin when harvested early to full orange color at maturity. |
| 38032 | | Casperita ^{FI} | 77 | 3 x 2" | 1/2 - 1 | White | IR | Semi Bush | 4 | Stunning personal sized hybrid with good yield. Classic shape that can be used for both ornamental and edible purposes. Ideal size for restaurant use. |
| 38066 | | Gold Dust FI (1) | 95 | 3 ½ x 2" | 1/3 | Orange | IR | Semi Bush | 4 | A Rupp developed semi bush hybrid with darker fruit than Jack-B-Quik plus powdery mildew tolerance. Most fruit set close to the crown early and escape virus flecking. Waiver Needed: Our seed lot may produce up to 15% fruit that vary in shape, color, and size. We ask that you sign the "Gold Dust Agreement" on page 165. |
| 38077 | * | Gold Speck FI 🌃 🍆 | 95 | 3 x 2" | 1/4 | Orange | IR | Bush | 4 | A Rupp sister bush hybrid to Gold Dust, with similar vine and fruit characteristics, but smaller than Jack-B-Quik and Munchkin. Most fruit set close to the crown early and escape virus flecking. Our highest yielding Jack-B-Little type. The strain that growers prefer. |
| 38525 | | Jack-B-Quik 🌃 b | 95 | 3 x 2" | 1/4 | Orange | | Medium | 4 | A more ribbed mini with taller and darker orange fruit. |
| 38089 | | Midnight ^{F1} | 77 | | 1-1 ½ | Black | | Semi Bush | 4 | Very dark green having a classic shape with deep ridges. Intermediate tolerance to PM. Will turn orange after 2 months of storage. PLANT NO EARLIER THAN JUNE 22. |
| 38140 | NEW | Nightfall 🍆 | 80 | 3 x 2" | 1-1 ½ | Dark Green/ Black | IR | Semi Bush | 4 | A must-have fruit with dark green to black skin with a bright orange inner flesh. Pairs well with Phantomita, Orangita, Sandita, and Senorita. |
| 38042 | | Orangita 🙋 | 80 | 5 x 3" | 1 - 1 ½ | Orange | HR | Semi Bush | 4 | Beautiful mini pumpkin featuring a disk shape with deep ribbing. Makes for an excellent display. |
| 38134 | *************************************** | Phantomita 🌑 | 90 | 3 x 2" | 1-1 ½ | Multi- color | IR | Semi Bush | 4 | This is a great addition to Casperita, Orangita, Midnight, and Sunshine - especially with its light green and yellow striping. Fruit is disk-shaped and has deep ribbing. |
| 38139 | NEW | Sandita 🍆 | 90 | 3x2 | 1-1 ½ | Dusty Tan | IR | Semi Bush | 4 | A great dusty tan pumpkin that has similarities and pairs well with Casperita, Orangita, Midnight, and Sunshine. |
| 38137 | NEW | Senorita 🌑 | 90 | 3x2 | 1-1 ½ | Orange/ Yellow | IR | Semi Bush | 4 | An orange/yellow pumpkin that is the same size as Casperita and Orangita. |













GROW YOUR BEST PUMPKINS YET!

Our pumpkin guide features tips from product selection through planting and harvest. Visit our website to download it or request a printed copy.





| PUMP | KINS | MIN | IIATURE | | | | | | Pricing on page 89 |
|--------|--------------------|------|------------------------|----------------------|---------------------------------------|-------------------|---------------|---------------------|--|
| Item # | ▼ Variety | Days | Diameter Height | Weight pounds | Skin | Powdery Mildew | Vine | Spacing Category | Features |
| 38043 | Spark | 90 | 3.5 x 2" | 1/2 | Deep Orange / Yellow Stripes | HR | Vine | 4 | Very uniform, striped ornamental variety with a dark green handle that is strongly attached to the fruit. Excellent for fall decorations. |
| 38136 | Sunshine 🖢 | 90 | 3 x 2" | 1-1 ½ | Yellow | | Semi Bush | 4 | A great addition to Casperita, Orangita, Midnight, and Phantomita pumpkins. Sunshine features a very attractive yellow skin that holds its bright yellow color after harvest. Plants are very productive with a semi-bush habit. |
| 38538 | Wee-B-Little 🕜 🖔 | 95 | 3 x 3" | 1/2 | Orange | | Bush | 3 | An AAS winner that can be carved and provides excellent plant health on a tight bush plant. A true mini pumpkin. Growing Tip: High levels of nitrogen causes excessive plant growth and low fruit set. If you force it into the survival mode with low nitrogen, plant size will be reduced and fruit numbers will multiply. |
| 38078 | WeeeeeOne Blend F1 | 95 | 3 x 3" - 1 ½ x 1 ½" | 1/2 | Orange | IR | Large Bush | 3 | A unique miniature pumpkin with shallow ribs. Vigorous bush with intermediate resistance to powdery mildew and very high yields. WeeeeeOne Blend approximate size ranges from 1 ½ x 1 ½" up to 3 x 3" fruit size. A must have in your miniature and gourd lineup. |



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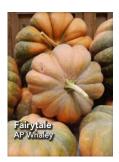
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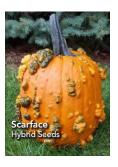


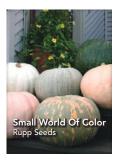
| PUMP | KINS | SPE | CIALTY | | | | | |
|--------|---------------------------|------|--------------------|----------------------|--|-----------------------|---------------------|--|
| Item # | ▼ Variety | Days | Diameter Height | Weight pounds | Skin | Vine | Spacing Category | Features |
| 38012 | Blue Doll F1 | 100 | 12 x 10" | 20 - 24 | Blue | Very Large Vine | 2 | Features an exotic blue color and an almost square appearance with deep ribbing. Deep orange, sweet flesh that can be used for culinary delights. Great for stacking. |
| 38536 | Fairytale | 125 | 8 x 13" | 20 | Tan | Vine | 4 | Also known as Musquee de Provence, it is well known for its tan color with deep sutures. Works great in mix bins. |
| 38114 | Fool's Gold F1 🕜 🏷 | 90 | 9 ½ x 9 ¼" | 11 - 12 | Tan | Large Vine | 3 | It looks great when displayed in a mix with orange and white varieties. Intermediate resistance to powdery mildew. |
| 38118 | Fright 🕜 🍏 | 90 | 10 x 9 ½" | 12 | Orange with green warts | Medium | 3 | The green warts pop out on this orange pumpkin, making it a favorite of our trial cooperators. |
| 38093 | Goose Bumps II F1 | 95 | 8 X 8" | 8 - 12 | Orange | Medium | 3 | Higher percentage of fruit with warts than Goose Bumps. |
| 38128 | Grizzly Bear | 95 | 6 X 8" | 5 - 8 | Light Brown | Medium | 3 | A small round warted pumpkin with light brown color and heavy warts that are hard and will not damage easily. Strong vines offer intermediate resistance to Powdery Mildew. A great addition to your fall display. |
| 38048 | HSC151 | 110 | 8 ½ x 11" | 9 - 14 | Green Stripes / Medium Orange | Medium | 3 | LIMITED SUPPLY Totally hulless, the roasted seeds are delicious with a nutty texture. Compared to other hulless varieties, maturity is earlier and seed yield is exceptional. |
| 38081 | Indian Doll ^{FI} | 100 | 6 x 12" | 20 - 24 | Deep Orange | Vine | 2 | Indian Doll features a deep-orange color and an almost square appearance. Sweet flesh is great for pies, soup and gourmet culinary delights. Great for fall decorations. |
| 42939 | Jarrahdale | 95 | 10" | 7 - 8 | Blue | Medium | 2 | The favorite Australian winter squash. Excellent quality flesh, beautiful looking fruit. Good for both food or ornamental use. |
| 38044 | Mellow Yellow 🎾 | 100 | 10 x 12" | 12 - 15 | Yellow | Vine | 2 | Slightly elevated profile. Medium ribbing. Intermediate tolerance to PM. |
| 38030 | Naked Bear | 105 | 5 x 6" | 2 - 4 | Light Orange | Medium | 3 | Large handled, naked seeded variety. High yielding product for either boxed pie pumpkin or edible seed pack markets. |
| 42969 | New England Cheddar F1 | 112 | 8 ½ x 12" | 15 | Tan | Vine | 2 | Excellent for industrial, home processing like canning or pies, or other uses. It has a uniform rind color and deep orange flesh. It has superior dry matter and sugar content when compared with Long Island Cheese or Dickinson Field. |
| 42961 | One Too Many F1 🌈 🍆 | 110 | 14" | 20 | White with Red Veins | Large Vine | 2 | A Rupp product with outstanding potential for decorative use, developed through cross species breeding work. Fruit are 75% round with about 25% oblong fruit. |
| | | | | | | | | More varieties on the next page> |













| PUMP | KINS | SPE | CIALTY | | | | | |
|--------|-------------------------------|------|--------------------|----------------------|------------------------------|-----------------------|---------------------|--|
| Item # | ▼ Variety | Days | Diameter Height | Weight pounds | Skin | Vine | Spacing Category | Features |
| 38107 | Porcelain Doll Improved F1 | 110 | 12 x 10" | 20 - 24 | Pink | Very Large Vine | 3 | This eye-catching hybrid pink pumpkin with deep ribbing and almost square appearance, stacks well and is sure to be a winner for your market stand! When picking, wait for the stem to get fully corky for maximum pink potential. |
| 42953 | Red Warty Thing Essex Turban | 110 | 14" | 20 | Bright Orange / Warted | Large Vine | 2 | A variety sourced from the U.S. Seed Bank with an appearance that is well suited as an unusual addition for the decorative market. Good eating, Hubbard type flesh, very hard, thick rind. |
| 38533 | Rouge Vif d'Etampes | 105 | 15 x 6" | 20 | Reddish Orange | Vine | 2 | A flattened, deeply ridged fruit from France. Surprising beauty, great yield and flavor. Cinderella type used for stacking. |
| 38127 | Scarface FI | 105 | 12 x 10" | 12 - 16 | Orange | Medium | 3 | Largest variety in the Super Freak series. |
| 38084 | Small World of Color 🎷 | 110 | 12 x 11" | 25 - 30 | Multi Color | Vine | 1 | A Rupp mix with round pumpkin shaped fruit in the maxima class. The blend contains Crystal Star, that will keep its white color, plus a pink variety and a pink & blue variety. |
| 38549 | Thumpkin 🌑 | 120 | 14 x 8" | 15 - 25 | Dark Orange | Vine | 1 | Hard stemmed pumpkin with unique flattened fruit and a gigantic handle. Plant at 72 square feet per plant. Crowding results in fewer but larger pumpkins. |

| PUMPKINS SPECIA | LTY | | | | M=1,0 | 00 seeds |
|--|-------------|-------------|--------|--------|--------|----------|
| Priced per package | 100 Seed | 250 Seed | | | | |
| Price per 1,000 seeds (M) | | | 1M | 3M | 25M | 100M |
| 38012 Blue Doll F1400 | 31.65 | 58.60 | 156.15 | 152.90 | 150.40 | 149.10 |
| 38536 Fairytale | 18.40 | 34.00 | 90.60 | 87.35 | 84.85 | 83.55 |
| 38114 Fool's Gold FI400 | 25.75 | 47.65 | 127.05 | 123.80 | 121.30 | 120.00 |
| 38118 Fright FI400 | 28.90 | 53.50 | 142.60 | 139.35 | 136.85 | 135.55 |
| 38093 Goose Bumps II FI400 | 29.10 | 53.85 | 143.55 | 140.30 | 137.80 | 136.50 |
| 38128 Grizzly Bear FI400 | 28.65 | 53.05 | 141.45 | 138.20 | 135.70 | 134.40 |
| 38048 HSC151 | 16.10 | 29.80 | 79.45 | 76.20 | 73.70 | 72.40 |
| 38081 Indian Doll FI400 | 29.60 | 54.80 | 146.05 | 142.80 | 140.30 | 139.00 |
| 38044 Mellow Yellow FI400 | 28.65 | 53.05 | 141.45 | 138.20 | 135.70 | 134.40 |
| 38030 Naked Bear | 19.50 | 36.10 | 96.15 | 92.90 | 90.40 | 89.10 |
| New England 42969 Cheddar | 9.60 | 17.70 | 47.20 | 43.95 | 41.45 | 40.15 |
| New England 42969U Cheddar ^{Untreated} | 9.60 | 17.70 | 47.20 | 43.95 | 41.45 | 40.15 |
| New England 42969 Cheddar FI400 | 11.05 | 20.40 | 54.30 | 51.05 | 48.55 | 47.25 |

| PUMPKINS SPEC | CIALTY | | | | M=1,0 | 000 seeds |
|--|------------------|-------------|--------|--------|--------|---------------|
| Priced per pac | 100 kage Seed | 250 Seed | | | | |
| Price per 1,000 s | seeds (M) | | 1M | 3M | 25M | 100M |
| 42961 One Too Many | 41.70 | 77.20 | 205.80 | 202.55 | 200.05 | 198.75 |
| 42961U One Too Many U | treated 41.70 | 77.20 | 205.80 | 202.55 | 200.05 | 198.75 |
| 42961 One Too Many Fl | 43.20 | 79.95 | 213.15 | 209.90 | 207.40 | 206.10 |
| Porcelain Doll 38107 Improved FI400 | 40.15 | 74.35 | 198.15 | 194.90 | 192.40 | 191.10 |
| 42953 Red Warty Thing | 14.20 | 26.25 | 69.90 | 66.65 | 64.15 | 62.85 |
| Red Warty Thing 42953U Untreated | 14.20 | 26.25 | 69.90 | 66.65 | 64.15 | 62.85 |
| 42953 Red Warty Thing | FI400 15.65 | 28.90 | 77.05 | 73.80 | 71.30 | 70.00 |
| Rouge Vif 38533 d'Etampes FI400 | 21.00 | 38.85 | 103.55 | 100.30 | 97.80 | 96.50 |
| 38127 Scarface FI400 | 29.10 | 53.85 | 143.55 | 140.30 | 137.80 | 136.50 |
| Small World of 38084 Color | 56.45 | 104.45 | 278.50 | 275.25 | 272.75 | 271.45 |
| 38549 Thumpkin FI400 | 20.75 | 38.35 | 102.15 | 98.90 | 96.40 | 95.10 |
| Priced per pac | kage 1 oz. | 4 oz. | | | | |
| Priced per po | ound | | 1# | 5# | 25# | Seeds /lb. |
| 42939 Jarrahdale | 5.75 | 16.95 | 52.10 | 49.10 | 47.10 | 2,800 |

























| PUMPK | INS | WH | IIE | | | | | | |
|----------|-------------------------------------|------------|--------------------|------------------------|-------|-------------------|----------------|---------------------|---|
| Item # | Variety | Days | Diameter Height | ▼ Weight pounds | Skin | Powdery Mildew | Vine | Spacing Category | Features |
| 38004 | Snowball ^{F1} | 90 | 6 x 6" | 1-2 | White | IR | Vine | 4 | Very high fruit. Brigl the ability |
| 38122 | lcicle ^{F1} | 105 | 5 x 4" | 2 | White | HR | Medium | 4 | Icicle is th color and Pairs well |
| 38033 | Blanco ^{FI} | 100 | 8 x 6" | 4 - 6 | White | | Medium | 4 | Flattened moderate frost. Grea high qual the harve |
| 38065 | Cotton Candy ^{FI} 6 | 110 | 9 x 8" | 5 - 12 | White | | Vine | 3 | A Rupp w strains that store in the painting. good for e |
| 38119 | White Gold 🎷 🏷 | 90 | 7 ½ x 8 ¾" | 8 | White | | Medium | 3 | A new ger |
| 38016 | Casper | 90 | 8 x 10" | 10 - 20 | White | | Medium | 3 | A smooth |
| 38100 | Abominable 🏀 | 110 | 9 x 9" | 12 - 15 | White | T | Vine | 2 | A round v |
| 38148 NE | Moon Stacker F1 | 95 | | 10 - 15 | White | | | 4 | Extremely stacking. |
| 38133 NE | White Lightning | 110 | 9 X 10" | 12 to 16 | White | | Medium Vine | 2 | An attract handle ar |
| 38510 | Flat White Boer Ford | 115 | 10 x 4" | 15 - 17 | White | | Large | 2 | A flat pun flesh. The fruit. It is Stacks we |
| 38041 | Flat Stacker | 90 - 95 | | 15 - 20 | White | | Semi Bush | 4 | Not Availa |
| 38086 | Crystal Star 🎷 🏷 | 100 | 12 x 11" | 25 - 35 | White | | Medium | 2 | A Rupp va turning b shape. |
| 38547 | Full Moon | 115 | 20 x 28" | 25 - 75 | White | | Large | 2 | A large w white and |
| | | | | | | | | | Retains it |

| Item # | Variety | Days | Diameter Height | ▼ Weight pounds | Skin | Powdery Mildew | Vine | Spacing Category | Features |
|-----------|------------------------|------------|--------------------|------------------------|-------|-------------------|----------------|---------------------|--|
| 38004 | Snowball F1 | 90 | 6 x 6" | 1-2 | White | IR | Vine | 4 | Very high yielding variety with attractive smooth round fruit. Bright white coloration with a dark green stem. Has the ability to hold white color under stress. |
| 38122 | lcicle ^{F1} | 105 | 5 x 4" | 2 | White | HR | Medium | 4 | lcicle is the perfect pie size pumpkin with a nice white color and a strong handle. It grows on a restricted vine. Pairs well with Touch of Autumn. The right size for boxing. |
| 38033 | Blanco ^{F1} | 100 | 8 x 6" | 4-6 | White | | Medium | 4 | Flattened shape, medium rib and long handle. Has shown moderate resistance to color change due to sun or light frost. Great alternative for growers who require a consistent high quality white pumpkin. The stay white gene extends the harvest window. |
| 38065 | Cotton Candy FI 🌃 🍆 | 110 | 9 x 8" | 5 - 12 | White | | Vine | 3 | A Rupp white pumpkin with good handles, a blend of strains that range between 5 and 12 lbs. Harvest and store in the dark to maintain best white color. Excellent for painting. Flesh color is white. Despite its name, this is not good for eating. |
| 38119 | White Gold 🎷 🏷 | 90 | 7 ½ x 8 ¾" | 8 | White | | Medium | 3 | A new generation of white pumpkin with uniform, slightly ribbed fruit and a well attached black handle. |
| 38016 | Casper | 90 | 8 x 10" | 10 - 20 | White | | Medium | 3 | A smooth, bright white-skinned pumpkin for painting. |
| 38100 | Abominable 📂 | 110 | 9 x 9" | 12 - 15 | White | T | Vine | 2 | A round white pumpkin with a strong handle. Has good color retention and a full vine. |
| 38148 NEW | Moon Stacker FI | 95 | | 10 - 15 | White | | | 4 | Extremely oblate shape with deep ribbing. Great for stacking. High yields, won't crack. |
| 38133 NEW | White Lightning | 110 | 9 X 10" | 12 to 16 | White | | Medium Vine | 2 | An attractive Halloween-shaped pumpkin with a sturdy handle and slight ribbing. |
| 38510 | Flat White Boer Ford 🌑 | 115 | 10 x 4" | 15 - 17 | White | | Large | 2 | A flat pumpkin with a creamy white rind and thick orange flesh. The vines are vigorous, providing good cover for the fruit. It is both superbly tasty and great for fall decoration. Stacks well. |
| 38041 | Flat Stacker | 90 - 95 | | 15 - 20 | White | | Semi Bush | 4 | Not Available in 2026 Extremely oblate shape with deep ribbing. Great for stacking. Good disease resistance. |
| 38086 | Crystal Star 🎷 🏷 | 100 | 12 x 11" | 25 - 35 | White | | Medium | 2 | A Rupp variety that will maintain its true white color, not turning blue or yellow at maturity, and be a pumpkin shape. |
| 38547 | Full Moon | 115 | 20 x 28" | 25 - 75 | White | | Large | 2 | A large white display pumpkin from Hollar. Harvest when white and store in the shade to maintain white color. |
| 38129 | Polar Bear | 100 | 14 x 18" | 30 - 65 | White | | Large | 2 | Retains its color after maturity in the field, at market, and in decorative displays. Long, vigorous vines produce fruit weighing 30–65 lb, but may exceed 100 lb. |

| RADISI | н | | | |
|--------|----------------------------|------|--------|--|
| Item # | ▼ Variety | Days | Shape | Features |
| 39003 | Champion | 21 | Globe | Bright red, globe-shaped, very firm. Slow to pith. |
| 39105 | Crunchy King ^{F1} | 24 | Globe | Holds round shape and does well all season. Strongest in Fall and Spring slots. Bright white interior with attractive dark red skin. Has very high recovery and is slow to pith. |
| 39001 | Easter Egg II | 28 | Globe | Multi-line mix for the home garden. Red, pink, purple, violet and white radishes; good flavor. |
| 39007 | French Breakfast | 24 | Oblong | Skin is rose scarlet with a white tip. Flesh is white, tender and coarser than most varieties. |
| 39102 | Pearl F1 | 25 | Globe | White round radish with a small green neck for open field production. Very vigorous growth and good resistance to cracking. Nice mix with reds. |
| 39106 | Regal Red F1 | 24 | Globe | A fast-maturing summer radish that produces uniform, round bulbs. |

| RADISH | l . | WIN | TER / ORIENTAL | | |
|--------|-------------------------------------|-----|--|--|--|
| Item # | Item# ▼ Variety Days Features | | | | |
| 39701 | April Cross F1 Daikon Japanese Type | 60 | Extra slow bolting. Plant in early spring. Up to 15" long and 2 lbs. | | |

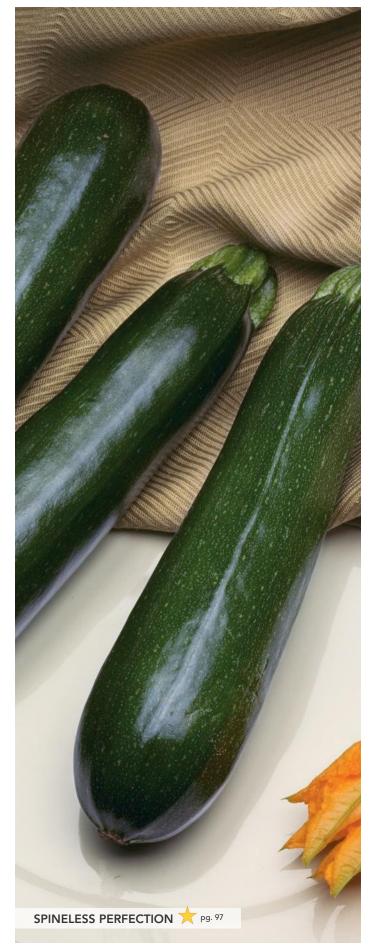
| SPINA | СН | Hybri | Hybrid | | | | | | |
|-------|------------------|-------|---|--|--|--|--|--|--|
| ltem# | ▼ Variety | Days | Features | | | | | | |
| 41002 | Kona 🏀 | 35 | Kona is a mid-late, semi-savoy variety that is well suited for late spring/early summer or autumn production. It produces a dark green leaf with excellent thickness and pliability providing increased yield potential. High resistance to downy mildew. | | | | | | |
| 41001 | Olympia b | 45 | A fast growing and long standing smooth leaf hybrid for early spring or late summer sowing. Tolerant to downy mildew. | | | | | | |
| 41003 | SV2146VB | 60 | SV2146VB is a good option for growers looking for a semi-savoy variety with high yield potential, good quality, and exceptional pliability. It features rich, dark leaves that are great for bunching. | | | | | | |

| PUMPKINS WHITE | | | | | M=1,0 | 000 seeds |
|--|-------------|-------------|------------|-----------|--------|-----------|
| Priced per package | 100 seed | 250 seed | | | | |
| Price per 1,000 seeds (M) | | | 1M | 3M | 25M | 100M |
| 38100 Abominable FI400 | | 50.10 | 133.55 | 130.30 | 127.80 | 126.50 |
| 38033 Blanco FI400 | | 46.60 | 124.20 | 120.95 | 118.45 | 117.15 |
| 38065 Cotton Candy | | 19.75 | 52.55 | 49.30 | 46.80 | 45.50 |
| 38065 Cotton Candy FI400 | | 22.40 | 59.70 | 56.45 | 53.95 | 52.65 |
| 38065U Cotton Candy Untreated | | 19.75 | 52.55 | 49.30 | 46.80 | 45.50 |
| 38086 Crystal Star FI400 | 50.60 | 93.70 | 249.75 | 246.50 | 244.00 | 242.70 |
| 38086U Crystal Star Untreated | 49.15 | 91.00 | 242.60 | 239.35 | 236.85 | 235.55 |
| Flat White Boer 38510 Ford Fl400 | | 25.65 | 68.35 | 65.10 | 62.60 | 61.30 |
| 38041 Flat Stacker FI400 | | 1 | Not Availa | ble in 20 | 26 | |
| 38547 Full Moon | 42.30 | 78.25 | 208.60 | 205.35 | 202.85 | 201.55 |
| 38122 Icicle FI400 | | 45.25 | 120.65 | 117.40 | 114.90 | 113.60 |
| 38148 Moon Stacker FI400 | 28.00 | 51.80 | 138.05 | 134.80 | 132.30 | 131.00 |
| 38129 Polar Bear FI400 | 40.70 | 75.35 | 200.85 | 197.60 | 195.10 | 193.80 |
| 38004 Snowball FI400 | | 53.05 | 141.45 | 138.20 | 135.70 | 134.40 |
| 38119 White Gold FI400 | 28.55 | 52.80 | 140.70 | 137.45 | 134.95 | 133.65 |
| 38133 White Lightning FI400 | 30.35 | 56.20 | 149.85 | 146.60 | 144.10 | 142.80 |
| Priced per package | | 1 oz. | 4 oz. | | | |
| Priced per pound in these package sizes | | | | 1# | 5# | 25# |
| 38016 Casper | | 8.30 | 24.50 | 75.30 | 72.30 | |

| RADISH | | | | M=1, | 000 seeds |
|----------------------|--|-------|-------|-------|-----------|
| | Priced per package | 4 oz. | | | |
| | Priced per pound in these package sizes | | 1# | 5# | 25# |
| 39003U Champ | oion Untreated | 5.80 | 13.70 | 13.45 | 13.20 |
| 39001 Easter | Egg II | 11.60 | 27.55 | 27.30 | 27.05 |
| 39007U French | Breakfast Untreated | 6.20 | 14.70 | 14.45 | 14.20 |
| | Priced per 1,000 seeds in these package sizes | 10M | 50M | 250M | 1000M |
| 39105 Crunch | ny King | 1.99 | 1.89 | 1.84 | 1.79 |
| 39102 Pearl | | 3.09 | 2.99 | 2.94 | 2.89 |
| 39106 Regal l | Red | 1.99 | 1.89 | 1.84 | 1.79 |

| RADISH WINTER/ORIENTAL | | M=1, | 000 seeds |
|--|-------|-------|-----------|
| Priced per 1,000 seeds in these package sizes | 1M | 5M | 25M |
| 39701 April Cross | 16.75 | 14.65 | 13.30 |

| SPINACH Hybrid | | | M=1 | ,000 seeds |
|---------------------------|------|------|------|------------|
| Price per 1,000 seeds (M) | 5M | 25M | 250M | 1,000M |
| 41002 Kona F300 | 0.62 | 0.54 | 0.49 | 0.46 |
| 41001 Olympia F300 | 0.62 | 0.54 | 0.49 | 0.46 |
| 41003 SV2146VB | 0.62 | 0.54 | 0.49 | 0.46 |
| | | | | |



SQUASH (Summer)

PLANTING

Direct seed into field. Plant $\frac{1}{2}$ " - $\frac{3}{4}$ " deep. Row spacing should range from 36" - 60" apart. In row spacing ranges from 18" - 24".

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Scout fields every 7 days. Inspect for weeds, insect, and disease infestation.

HARVEST

Harvest every other day. Fruit should be 7 - 8" in length and 1 - 21/2" in diameter. Another way to determine harvestablity is to harvest when blossom has wilted.

STORAGE

Store at 40 - 50°F and at 95% humidity.

DISEASE CODES

CMV - Cucumber Mosaic Virus

DM - Downy Mildew

PM - Powdery Mildew

PRV - Papaya Ringspot Virus

WMV - Watermelon Mosaic Virus

ZYMV - Zucchini Yellows Mosaic Virus

HERBICIDE CAUTION

Some pre-emergence herbicides can and will cause distortions in squash and pumpkins, especially the species with the corky stems. It also has been noticed in hardstem varieties. These distortions may show up in both color or shape.

Icon Key for: SQUASH (Summer)

Grower Preferred All-Stars
Proven Production - Consistent Results

Trusted by Growers - Year-After-Year

New to Rupp Seeds in 2026

FarMore Treatment F400

Rupp Seeds Breeding or Exclusive

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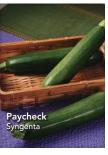
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| SQUASH | | | IMER G | i REEN Hyb | Pricing on page 98 | | | | |
|-------------------|----------------------|------|-------------------|----------------------|--------------------|-------------|------------------------|--------------------------------------|--|
| Item # | ▼ Variety | Days | Harvest Length | Color | Туре | Fruit Shape | Disease | Features | |
| 42092 | Basima | 40 | 4" | Pale Green | Lebanese | Tapered | WMV, ZYMV | | bit with semi-erect stem and open habit. . Perfect for stuffing. |
| 42099 NE V | Bladerunner 🍆 | 45 | 7 - 8" | Medium Dark Green | Zucchini | Cylindrical | CMV, WMV, ZYMV, PRV | easier to visuali disease package | nt plant making the long-peduncle fruit ze and easy to harvest. It has a strong e, medium green fruit, and is known to ndrical shape. Ideal for both fresh market growers. |
| 42096 | Dunja 🍆 | 45 | 7 - 8" | Dark Green | Zucchini | Cylindrical | PM, WMV, ZYMV | 5 , 5 | variety with a compact and open plant fo Glossy fruit also exudes fine flecking for ne exterior. |
| 42009 | Green Machine | 45 | 7 - 8" | Medium Dark Green | Zucchini | Cylindrical | CMV, PM, WMV, ZYMV | | le, high yielding variety. Has a strong t with an excellent disease package. |
| 42088 | Paycheck 📂 | 42 | 7 - 8" | Medium Green | Zucchini | Cylindrical | CMV, PM, WMV, ZYMV | | / In Eastern trials, it has shown good d excellent fruit quality. Works well in ns. |
| 42027 | Spineless Beauty | 50 | 7 ½ - 8 ½" | Medium Green | Zucchini | Cylindrical | | | owers due to lack of petiole spines, open ge yields, classy cylindrical fruit, and generating ability. |
| 42094 | Spineless Perfection | 44 | 7 - 8" | Medium Green | Zucchini | Cylindrical | PM, WMV, ZYMV | onto a rich look characteristic m | ety that integrates more refined flecking ing glossy fruit. Contains the "easy pick" eaning the fruit are easily twisted from g the peduncle and fruit still intact. |



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| SQUASH SUMME | SQUASH SUMMER GREEN Hybrid | | | | | | | | |
|--|----------------------------|--------------|--------|--------|--------|--------|--|--|--|
| Price per package | 100 Seeds | 250 Seeds | | | | | | | |
| Price per 1,000 seeds (M) | | | 1M | 3М | 25M | 55M | | | |
| 42092 Basima | 13.00 | 21.60 | 61.60 | 53.55 | 51.80 | 50.80 | | | |
| 42099 Bladerunner FI400 | 19.40 | 32.30 | 92.15 | 80.10 | 78.35 | 77.35 | | | |
| 42096 Dunja FI400 | 20.40 | 34.00 | 97.05 | 84.35 | 82.60 | 81.60 | | | |
| Green Machine 42009 FI400 | 20.05 | 33.40 | 95.35 | 82.90 | 81.15 | 80.15 | | | |
| Paycheck FI400 42088 Limited Supply | 26.15 | 43.55 | 124.40 | 108.15 | 106.40 | 105.40 | | | |
| Spineless 42027 Beauty FI400 | 16.85 | 28.05 | 80.05 | 69.60 | 67.85 | 66.85 | | | |
| Spineless 42094 Perfection FI400 | 20.40 | 34.00 | 97.05 | 84.35 | 82.60 | 81.60 | | | |

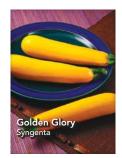
| SQUASH SUMMER YE | LLOW | / Hybrid | Ы | | M=1,00 | 00 seeds |
|---------------------------|--------------|--------------|-------|-------|--------|----------|
| Price per package | 100 Seeds | 250 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 80M |
| 42018 Blonde Beauty F1400 | 15.10 | 25.10 | 71.65 | 62.30 | 60.55 | 59.55 |
| 42081 Gentry FI400 | 10.45 | 17.40 | 49.70 | 43.20 | 41.45 | 40.45 |
| 42049 Grandprize FI400 | 20.65 | 34.40 | 98.20 | 85.35 | 83.60 | 82.60 |
| 42098 Smooth Wonder FI400 | 18.75 | 31.25 | 89.15 | 77.50 | 75.75 | 74.75 |
| 42010 Sunburst FI400 | 16.65 | 27.75 | 79.25 | 68.90 | 67.15 | 66.15 |
| Price per package | 100 Seeds | 250 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | зм | 25M | 55M |
| 42133 Golden Glory FI400 | 20.10 | 33.50 | 95.70 | 83.20 | 81.45 | 80.45 |
| 42080 One Ball | 17.10 | 28.50 | 81.35 | 70.70 | 68.95 | 67.95 |

SQUASH SUMMER OP

| Priced per package | 4 oz. | | |
|--|-------|-------|-------|
| 1 1 0 | 7 02. | | |
| Priced per pound in these package sizes | | 1# | 5# |
| 42112U Dark Green Zucchini Untreated | 10.05 | 26.60 | 26.35 |
| 42107U Golden Zucchini Untreated | 11.20 | 29.65 | 29.40 |

| Squash (Summer)













| SQU | ASH | SUN | /IMER \ | YELLO\ | Pricing on page 98 | | | | | |
|--------|-------------------|--------------|---------|-------------------|--------------------|----------------|-------------|---------------------|---|--|
| Item # | ▼ Variety | | Days | Harvest Length | Color | Туре | Fruit Shape | Disease | Features | |
| 42018 | Blonde Bea | uty 🕜 🏷 | 40 | 5 - 7" | Glossy Yellow | Straightneck | Tapered | | from the Slickpik se | provide less painful picking on this hybrid eries. Standard commercial shape with an a desirable package all around! |
| 42081 | Gentry 🍆 | | 43 | 1 ¾ X 6" | Yellow | Semi-Crookneck | Crook | PM, CMV | butter yellow, smoo | istently produces outstanding yields of oth-skinned fruit. Outstanding smoothness nelps ensure marketability of fruit |
| 42133 | Golden Glo | ry 🍆 | 50 | 7 - 8" | Golden Yellow | Gold Zucchini | Cylindrical | PM, WMV, ZYMV | Produces high qua vigorous plant. | lity uniform fruit on an open, upright and |
| 42049 | Grandprize | & | 42 | 6 - 7" | Yellow | Straightneck | Cylindrical | PM, WMV, ZYMV | | uit coloring, great plant vigor, and solid yield ter texture to withstand harvest. Increased er Goldprize. |
| 42080 | One Ball | | 38 | 3 x 3" | Gold | Gold Zucchini | Round | | Fruit set at every no Has occasional gre | ode and grow very rapidly after flowering. en fruit. |
| 42098 | ★ Smooth Wo | nder 🌑 | 45 | 5 - 7" | Yellow | Straightneck | Tapered | DM, PM | Wonder performs b | otential on near spineless plants. Smooth best in sandier well drained soils, and has a powdery mildew and downy mildew. |
| 42010 | Sunburst | • | 50 | 2 ½ x 3" | Bright Yellow | Scallop | Dish | | AAS winner. Attract | ive, colorful fruit. Best when young. |

| SQUAS | SH | SUN | MER | ОР | Pricing on page 98 | | |
|--------|---------------------|------|-------------------|----------------------|--------------------|-------------|---|
| Item # | ▼ Variety | Days | Harvest Length | Color | Туре | Fruit Shape | Features |
| 42112 | Dark Green Zucchini | 62 | 6 - 7" | Medium Dark Green | Zucchini | Cylindrical | Popular, medium dark green variety. |
| 42107 | Golden Zucchini | 55 | 6 - 7" | Golden | Golden Zucchini | Cylindrical | Has crisp flesh on golden skinned fruit. A good choice for the home gardener. |



B

































SQUASH (Winter)

PLANTING

Plant seeds $\frac{1}{2}$ " - $\frac{3}{4}$ " deep. Plant spacing varies depending on vine type. Bush type plants should be planted closer and vine types should be planted farther apart. Squash need to have approximately 25 - 30 sq. ft. See the Winter Squash Planting / Harvest Timing chart on page 101 for additional information.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Scout every 7 days for insect, weed, and disease pressure. Fruit will tend to decrease in size the farther south a crop is planted and increase in size the farther north it is planted. Size is relative to day length.

HARVEST

Cut off the vine to keep peduncle. Wash in 5% chlorine solution and pat dry. Let cure for 10 days. Keep fruit dry to prevent spoilage. Allow air to circulate around fruit.

STORAGE

Store at 45 - 55° F and humidity level of 50 - 60%. Keep fruit dry and allow air to circulate around fruit.

PLANT SPACING

Each variety or type of squash has an optimum plant spacing for its best performance. If plants are too close, stress and competition can decrease fruit size and possibly even reduce the number of female flowers. Under extreme stress, tight spacing may eliminate the crop entirely.

- Accurate plant spacing will be an equal opportunity environment for every plant.
- Suggested populations are for final plant stands.
- To achieve ideal plant populations it is necessary to either overplant and hand thin or to plant according to recommendations and hand plant later to fill skips.
- Seed corn maggots, wire worms, mice and birds, floods or lack of rain are all common problems that effect accurate stand establishment.

| SQUASH SPACING CHART | | | | | | | | |
|----------------------|--------------|-------------------------------|--------------------|--|--|--|--|--|
| | Row Width | Distance Between Plants | Plants Per Acre | | | | | |
| Compact Bush | 5′ | 2' | 4,356 | | | | | |
| Bush | 5′ | 3' | 2,904 | | | | | |
| Semi Bush | 5′ | 4' | 2,178 | | | | | |
| Restricted Vine | 5′ | 4' | 2,178 | | | | | |
| Vine | 5′ | 5′ | 1,742 | | | | | |
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| SQUA | ASH | | WIN | ITER AC | ORN | | | Pricing on page 102 |
|--------|--------------|---------------------|---|---------------|-------------------------|-------------------------------------|---|---|
| Item # | ▼ V a | ariety | Days | Fruit Size | Weight pounds | Color | Habit | Features |
| 42311 | * Auto | tumn Delight F1 🎷 🏷 | 80 | 6 x 5" | 1 ½ | Dark Green | Semi Bush | A popular, powdery mildew tolerant acorn hybrid. Fruit are large with excellent quality. |
| 42308 | Auti | tumn Perfection F1 | 80 | 6 ½ x 5 ½" | 2 - 2 1/4 | Dark Green | Bush | Produces higher yields and slightly larger fruit with improved taste when compared to Autumn Delight. It will size down for the southern grower. High resistance to powdery mildew. |
| 42955 | Cele | ebration FI 🎷 🏷 | 80 | 4 x 5" | 1 ½ | Light Yellow / Orange Sutures | Compact Bush | A powdery mildew tolerant, gold striped acorn hybrid with exceptional eating quality. Is also decorative. A sure winner. |
| 42304 | Crea | am of the Crop F1 | 85 | 6 x 5" | 1 ½ - 2 | Cream | Compact Bush | AAS winner. Unique creamy white fruit. Uniform size. |
| 42952 | Harl | rlequin F1 6 | 80 | 4 x 5" | 1 ½ - 2 | Light Green / Dark Green Sutures | Compact Bush | A powdery mildew tolerant, green striped acorn hybrid from Rupp. Has exceptional eating and decorative qualities. A sure winner. |
| 42930 | Hea | art of Gold FI | 80 | 4 x 5" | 3 | Cream / Green Stripes | Semi Bush | A winter squash striped like Sweet Dumpling, heart shaped, with fine sweet flesh. Yields have been 35% higher than Sweet Dumpling. |
| • | • | | *************************************** | • | | ••••• | *************************************** | More varieties on the next page> |

WINTER SQUASH PLANTING/HARVESTING TIMING CHART

Winter squash growers who are planting multiple varieties need to consider multiple planting dates so that they can harvest their crop at its peak. The planting date plus the maturity of the variety should equal the potential harvest date. Keep in mind that higher or lower than average heat and sunlight may also impact the development of the crop by decreasing or increasing its maturity. Use the following chart to align your squash variety maturity with your desired harvest date to schedule planting.

| Variety | Planting Date: May 1 | Planting Date: May 15 | Planting Date: June 1 | Planting Date: June 15 | Planting Date: July 1 |
|----------|----------------------|-----------------------|-----------------------|------------------------|-----------------------|
| Maturity | Harvest Range | Harvest Range | Harvest Range | Harvest Range | Harvest Range |
| 70 | July 1 - July 20 | July 14 - Aug. 3 | Aug. 1 - Aug. 20 | Aug. 14 - Sept. 3 | Aug. 31 - Sept. 19 |
| 75 | July 5 - July 25 | July 19 - Aug. 8 | Aug. 5 - Aug. 25 | Aug. 19 - Sept. 8 | Sept. 4 - Sept. 24 |
| 80 | July 10 - July 30 | July 24 - Aug. 13 | Aug. 10 - Aug. 30 | Aug. 24 - Sept. 13 | Sept. 9 - Sept. 29 |
| 85 | July 15 - Aug. 4 | July 29 - Aug. 18 | Aug. 15 - Sept. 4 | Aug. 29 - Sept. 18 | Sept. 14 - Oct. 4 |
| 90 | July 20 - Aug. 9 | Aug. 3 - Aug. 23 | Aug. 20 - Sept. 9 | Sept. 3 - Sept. 23 | Sept. 19 - Oct. 9 |
| 95 | July 25 - Aug. 14 | Aug. 8 - Aug. 28 | Aug. 25 - Sept. 14 | Sept. 8 - Sept. 28 | Sept. 24 - Oct. 14 |
| 100 | July 30 - Aug. 19 | Aug. 13 - Sept. 2 | Aug. 30 - Sept. 19 | Sept. 13 - Oct. 3 | Sept. 29 - Oct. 19 |
| 105 | Aug. 4 - Aug. 24 | Aug. 18 - Sept. 7 | Sept. 4 - Sept. 24 | Sept. 18 - Oct. 8 | Oct. 4 - Oct. 24 |
| 110 | Aug. 9 - Aug. 29 | Aug. 23 - Sept. 12 | Sept. 9 - Sept. 29 | Sept. 23 - Oct. 13 | Oct. 9 - Oct. 29 |
| 115 | Aug. 14 - Sept. 3 | Aug. 28 - Sept. 17 | Sept. 14 - Oct. 4 | Sept. 28 - Oct. 18 | Oct. 14 - Nov. 3 |
| 120 | Aug. 19 - Sept. 8 | Sept. 2 - Sept. 22 | Sept. 19 - Oct. 9 | Oct. 3 - Oct. 23 | Oct. 19 - Nov. 8 |

Squash quality will be the best when harvested nearest to the variety's actual maturity. First, select the maturity of the variety you are using, then pick the date you would like your squash to look the freshest. The required planting date will be at the top of the column.

Icon Key for: SQUASH (Winter)















| SQUAS | SH | WIN | WINTER ACORN | | | | | | | | |
|--------|-------------------|------|--------------|----------------------|--|-----------------|---|--|--|--|--|
| Item # | ▼ Variety | Days | Fruit Size | Weight pounds | Color | Habit | Features | | | | |
| 42302 | Mashed Potato | 100 | 6 x 5" | 1 - 1 ½ | White | Compact Vine | Fantastic color holding ability. Flesh is nearly white and resembles mashed potatoes when baked and fluffed. 3 to 4 fruit per plant. | | | | |
| 42301 | Table Ace F1 🌃 🏷 | 80 | 6 x 5" | 1 ½ | Dark Green | Semi Bush | A popular, dark black-green, acorn squash with rounded ribs and blunted blossom ends. It has solid, tasty flesh with almost no fibers or stringiness. | | | | |
| 42310 | Table Star F1 🕜 🏷 | 80 | 6 x 5" | 2 | Jet Black with a golden star around stem | Bush | A top selling acorn squash due to its eating quality and powdery mildew tolerance. It is competitive with the best in the market, plus has 50% higher sugars than other acorns. | | | | |
| 42309 | Table Treat FI 🕜 | 70 | 5 ½ x 5" | 1 ½ - 1 ¾ | Jet Black | Bush | A powdery mildew tolerant acorn hybrid from Rupp that is slightly smaller than Table Star, plus has 50% higher sugars than the comparable acorns. Very good eating quality. | | | | |
| 42307 | Taybelle PM F1 🍆 | 80 | 6 x 5" | 2 | Jet Black | Bush | A direct conversion from Taybelle to include intermediate resistance to powdery mildew. Sweet flavor and good storage quality. | | | | |

| SQUASH WINTER ACO | RN | | | | M=1,00 | 0 seeds |
|--|--------------|-------|-------|-------|--------|---------------|
| Priced per package | 1 oz. | 4 oz. | | | | |
| Priced per pound in these package sizes | | | 1# | 5# | 20# | Seeds /lb. |
| 42309 Table Treat | 11.50 | 35.75 | 98.55 | 97.55 | 96.05 | 4,600 |
| Priced per package | 250 Seeds | | | | | |
| Price per 1,000 seeds (M) | | 1M | 3M | 25M | 55M | Seeds /lb. |
| 42311 Autumn Delight | 22.95 | 61.10 | 58.10 | 56.10 | 55.10 | 4,300 |
| 42311 Autumn Delight FI400 | 24.30 | 64.80 | 61.80 | 59.80 | 58.80 | 4,300 |
| 42311U Autumn Delight Untreated | 22.95 | 61.10 | 58.10 | 56.10 | 55.10 | |
| 42308 Autumn Perfection FI400 | 24.40 | 64.95 | 61.95 | 59.95 | 58.95 | |
| 42308U Autumn Perfection Untreated | 22.95 | 61.20 | 58.20 | 56.20 | 55.20 | |
| 42955 Celebration | 15.30 | 40.80 | 37.80 | 35.80 | 34.80 | 4,800 |
| 42955 Celebration FI400 | 16.70 | 44.50 | 41.50 | 39.50 | 38.50 | 4,800 |
| 42304 Cream of the Crop | 15.85 | 42.25 | 39.25 | 37.25 | 36.25 | 4,000 |
| 42304 Cream of the Crop FI400 | 17.25 | 46.00 | 43.00 | 41.00 | 40.00 | 4,000 |
| 42952 Harlequin | 14.55 | 38.80 | 35.80 | 33.80 | 32.80 | 4,400 |

| sal | Jash Winter ACO | RN | | | | M=1,00 | 0 seeds |
|--------|---------------------------|--------------|-------|-------|-------|--------|---------------|
| | Priced per package | 250 Seeds | | | | | |
| | Price per 1,000 seeds (M) | | 1M | 3M | 25M | 55M | Seeds /lb. |
| 42930 | Heart of Gold | 16.35 | 43.60 | 40.60 | 38.60 | 37.60 | 4,900 |
| 42930 | Heart of Gold FI400 | 17.80 | 47.35 | 44.35 | 42.35 | 41.35 | 4,900 |
| 42302 | Mashed Potato | 18.80 | 50.10 | 47.10 | 45.10 | 44.10 | 5,900 |
| 42301 | Table Ace | 18.10 | 48.20 | 45.20 | 43.20 | 42.20 | 4,400 |
| 42301 | Table Ace FI400 | 19.50 | 51.90 | 48.90 | 46.90 | 45.90 | 4,400 |
| 42301U | Table Ace Untreated | 18.10 | 48.20 | 45.20 | 43.20 | 42.20 | 4,400 |
| 42310 | Table Star | 14.25 | 37.90 | 34.90 | 32.90 | 31.90 | 3,900 |
| 42310 | Table Star FI400 | 15.60 | 41.60 | 38.60 | 36.60 | 35.60 | 3,900 |
| 42307 | Taybelle PM FI400 | 18.60 | 49.55 | 46.55 | 44.55 | 43.55 | 4,300 |

102 | Squash (Winter)















| SQU | ASH | WIN | NTER I | BUTTE | RCUP / | KABO | OCHA |
|--------|-------------------|------|---------------|-------------------------|------------------|--------------|--|
| Item # | ▼ Variety | Days | Fruit Size | Weight pounds | Color | Habit | Features |
| 42935 | Autumn Cup F1 | 95 | 6" | 4 1/2 | Dark Green | Semi Bush | The first hybrid, semi bush buttercup squash. Dark green, very high quality flesh and high yields. Has a reduced button when compared to Burgess and is slightly more oval. |
| 42904 | Buttercup Burgess | 110 | 8 - 9 x 5" | 3 | Dark Green | Vine | Flesh is dry and sweet, good for storage, fresh market or garden. |
| 42962 | Space Station F1 | 90 | 7 x 4" | 3 ½ | Black Green | Semi Bush | A semi bush kabocha hybrid with excellent flesh color and quality. Flesh is very sweet and dry. An upgrade to the long used Sweet Mama. |
| 42966 | Sun Spot FI | 75 | 6 x 4" | 1 ½ | Dark Red | Vine | A dark red buttercup hybrid with excellent dry flesh and fruit size that is desirable for today's small household. Early, dark orange, tasty flesh. |
| 42902 | Sunshine F1 | 95 | 7 x 5" | 3 - 5 | Bright Orange | Vine | Tender flesh is smooth, sweet, and bright orange for baking, mashing, and pies. Appearance and eating quality are superior to other varieties of this type. Average 3 - 4 fruit per plant. |
| 42905 | Sweet Mama F1 | 85 | 8 - 9 x 5" | 4 | Dark Green | Semi Bush | AAS winner. A kabocha with sweet flavor that stores well. |
| 42968 | Thunder F1 🕜 🏷 | 85 | 7 x 4" | 3 ½ | Black Green | Vine | A buttercup/kabocha hybrid that is an excellent yielder with dry sweet flesh. |

| SQUASH WINTER BU | SQUASH WINTER BUTTERCUP / KABOCHA | | | | | | | | |
|--|-----------------------------------|--------|--------|--------|--------|--|--|--|--|
| Priced per package | 1 oz. | 4 oz. | | | | | | | |
| Priced per pound in these package sizes | | | 1# | 5# | 20# | | | | |
| 42904 Buttercup Burgess | 5.50 | 17.75 | 48.95 | 47.95 | 46.45 | | | | |
| 42905 Sweet Mama FI400 | 36.50 | 118.00 | 325.05 | 324.05 | 322.55 | | | | |
| Priced per package | 250 Seeds | | | | | | | | |
| Price per 1,000 seeds (M) | | 1M | 3M | 25M | 55M | | | | |
| 42935 Autumn Cup | 31.80 | 84.70 | 81.70 | 79.70 | 78.70 | | | | |
| 42935 Autumn Cup FI400 | 33.20 | 88.45 | 85.45 | 83.45 | 82.45 | | | | |
| 42962 Space Station | 40.15 | 107.05 | 104.05 | 102.05 | 101.05 | | | | |
| 42962 Space Station FI400 | 41.55 | 110.75 | 107.75 | 105.75 | 104.75 | | | | |
| 42962U Space Station Untreated | 40.15 | 107.05 | 104.05 | 102.05 | 101.05 | | | | |
| 42966 Sun Spot | 29.00 | 77.30 | 74.30 | 72.30 | 71.30 | | | | |
| 42966 Sun Spot FI400 | 30.40 | 81.05 | 78.05 | 76.05 | 75.05 | | | | |
| 42902 Sunshine | 28.35 | 75.50 | 72.50 | 70.50 | 69.50 | | | | |
| 42968 Thunder | 33.10 | 88.25 | 85.25 | 83.25 | 82.25 | | | | |
| 42968 Thunder FI400 | 34.50 | 91.95 | 88.95 | 86.95 | 85.95 | | | | |

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| SQUASH | 1 | WIN | TER BU | TTERNU | JT | | |
|-----------|---------------------|--------------|------------|-------------------------|--------------|--------------------|---|
| Item # | ▼ Variety | Days | Fruit Size | Weight pounds | Color | Habit | Features |
| 42613 | Avalon F1 | 88 | 11" | 4 - 5 | Buff | Vine | This Hollar Seeds butternut is a good packing and high yielding variety. |
| 42606 | Betternut 23 fl 🎷 🏷 | 105 | 12 - 15" | 6 - 8 | Buff | Vine | Powdery mildew tolerant. Very uniform variety with proportional neck to bulb ratio. Exceptional flesh and skin color. High percentage of dry matter and sugar content. |
| 42614 | Betternut 401 FI | 80 | 8 - 9" | 2 3/4 | Light Tan | Semi Bush | A hybrid with good flesh color and uniformity on a semi bush plant. Powdery mildew tolerant. |
| 42622 | Betternut 900 F1 | 80 | 8 - 9" | 3 | Light Tan | Semi Bush | Overall best variety in the Betternut series for boxing. Powdery mildew tolerant |
| 42976 | Betternut 1744 FI | 80 | 8 - 9" | 3 1/4 | Light Tan | Semi Bush | Slightly larger than Betternut 900 for farm markets and roadside stands. Provides powdery mildew tolerance. |
| 42607 | Butterbaby 🌑 | 100 - 105 | 5 - 6" | 1/2 - 1 | Buff | Semi Bush | High eating quality variety that is perfect size for CSA box growers and personal sized market. Very nice color and shape while maturing earlier than Honeynut. Longer storage ability than Honeynut. |
| 42702 | Honeynut | 105 - 110 | 4 - 5" | 1/2 - 1 | Dark Tan | Restricted Vine | Produces single-serving squash with very sweet and delicious flavor. Very high yielding. Does not store. |
| 42658 NEW | Texas 🍆 | 110 | Large | 12-15 | Tan | Vine | Extra large butternut with a thick neck and slight bell shape. |
| 42615 | Ultra ^{F1} | 90 | 15" | 10 | Light Tan | Vine | A high yielding large butternut for both processors and market gardeners. |

| SQUASH WINT | ER BUTTER | NUT | | M=1,0 | 00 seeds | |
|--------------------------------|---------------------|-------|-------|-------|----------|---------------|
| Priced per po | 250 ackage Seeds | | | | | Condo |
| Price per 1,000 seed | ds (M) | 1M | 3M | 25M | 100M | Seeds /lb. |
| 42613 Avalon FI400 | 27.00 | 72.00 | 69.00 | 67.00 | 66.00 | 5,000 |
| 42606 Betternut 23 | 18.00 | 47.90 | 44.90 | 42.90 | 41.90 | 5,000 |
| 42606 Betternut 23 FIAC | 19.40 | 51.65 | 48.65 | 46.65 | 45.65 | 5,000 |
| 42614 Betternut 401 | 16.95 | 45.15 | 42.15 | 40.15 | 39.15 | 6,000 |
| 42614 Betternut 401 | 18.35 | 48.85 | 45.85 | 43.85 | 42.85 | 6,000 |
| 42622 Betternut 900 | 19.95 | 53.15 | 50.15 | 48.15 | 47.15 | 4,600 |
| 42622 Betternut 900 F | 21.35 | 56.90 | 53.90 | 51.90 | 50.90 | 4,600 |
| 42622U Betternut 900 | Intreated 19.95 | 53.15 | 50.15 | 48.15 | 47.15 | 4,600 |

| SQUASH WINTER BU | JTTER | NUT | M=1,000 seeds | | | | |
|----------------------------|--------------|-------|---------------|-------|-------|---------------|--|
| Priced per package | 250 Seeds | | | | | | |
| Price per 1,000 seeds (M) | | 1M | 3M | 25M | 100M | Seeds /lb. | |
| 42976 Betternut 1744 | 17.20 | 45.75 | 42.75 | 40.75 | 39.75 | 5,000 | |
| 42976 Betternut 1744 FI400 | 18.55 | 49.45 | 46.45 | 44.45 | 43.45 | 5,000 | |
| 42607 Butterbaby FI400 | 18.50 | 49.30 | 46.30 | 44.30 | 43.30 | 5,800 | |
| 42702 Honeynut | 13.50 | 35.95 | 32.95 | 30.95 | 29.95 | | |
| 42658 Texas FI400 | 23.45 | 62.50 | 59.50 | 57.50 | 56.50 | | |
| 42615 Ultra FI400 | 26.55 | 70.75 | 67.75 | 65.75 | 64.75 | 4,500 | |

104 | Squash (Winter) © Copyright 2025 | Rupp Seeds Inc.













| SQUAS | н | WIN | NTER | DELICA | TA / SWEE | T DUMPLI | ING |
|--------|------------------------|------|---------------|----------------------|------------------------------------|-------------|--|
| Item # | ▼ Variety | Days | Fruit Size | Weight pounds | Color | Habit | Features |
| 42957 | Bush Delicata 🎷 🏷 | 105 | 5 - 6" | 2 | White / Green Stripes | Bush | An AAS winner bred by Cornell and marketed by Rupp. A typical delicata fruit on a bush plant with strong tolerance to powdery mildew. |
| 42945 | Festival ^{F1} | 100 | 4 - 5" | 1 ½ - 2 | Yellow Green Orange | Vine | A Carnival type squash with fewer oversized fruit, similar color and flesh quality. Fruit shape is between an acorn and Sweet Dumpling. Highly ornamental with great eating quality. |
| 42933 | Jester ^{F1} | 95 | 5 - 7" | 1 ½ | lvory / green inter-rib stripes | Short Vines | Superb flavor with eye-catching fruit. Oval and tapered at both ends, with small to average ribs. Among the best in eating quality. About 60 days storage time. |
| 42911 | Sweet Dumpling | 100 | 4" | 1 | Cream Striped | Vine | Colorful, acorn shape, sweet flesh. Stores 3 - 4 months. |
| 42501 | Sweet Lightning F1 | 100 | 3 x 5" | 1 - 1 1/4 | Pale Yellow / Orange Stripes | Semi Bush | A Rupp product with both outstanding decorative and eating qualities. Is one of the best flavored when used as a squash. Has powdery mildew tolerance on a semi-bush vine. |
| 42934 | Ugly Dumpling FI 🌃 🍆 | 100 | 2 ½ x 3 ¾ | 3 ⁄4 - 1 | Tan / Green Stripes | Semi Bush | While at first glance it may not have great eye appeal, our trial partners tell us its one of the best tasting winter squash they've ever tried, and its unique appearance makes it an option for fall decoration too. |

| SQUASH WINTER DELICATA / SWEET DUMPLING | | | | | | | | | |
|--|-------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|--|--|--|
| Priced per package | 1 oz. | / 3 ∨ ∨ ∟ ι 4 oz. | | /II LIINC | , | | | | |
| Priced per pound in these package sizes | | | 1# | 5# | 25# | | | | |
| 42945 Festival | 14.25 | 45.00 | 123.85 | 122.85 | 121.35 | | | | |
| 42911 Sweet Dumpling FI400 | 17.00 | 54.00 | 148.45 | 147.45 | 145.95 | | | | |
| Priced per package | 250 Seeds | | | M=1,000 seeds | | | | | |
| | | | | | | | | | |
| Price per 1,000 seeds (M) | | 1M | 3M | 25M | 100M | | | | |
| Price per 1,000 seeds (M) 42957 Bush Delicata | 16.10 | 1M 42.90 | 3M 39.90 | 25M 37.90 | 100M 36.90 | | | | |
| 1 | 16.10 17.50 | | | | | | | | |
| 42957 Bush Delicata | | 42.90 | 39.90 | 37.90 | 36.90 | | | | |
| 42957 Bush Delicata 42957 Bush Delicata FM00 | 17.50 | 42.90 46.60 | 39.90 43.60 | 37.90 41.60 | 36.90 40.60 | | | | |
| 42957 Bush Delicata 42957 Bush Delicata F400 42933 Jester | 17.50 17.20 | 42.90 46.60 45.80 | 39.90 43.60 42.80 | 37.90 41.60 40.80 | 36.90 40.60 39.80 | | | | |
| 42957 Bush Delicata 42957 Bush Delicata FH400 42933 Jester 42501 Sweet Lightning | 17.50 17.20 25.65 | 42.90 46.60 45.80 68.35 | 39.90 43.60 42.80 65.35 | 37.90 41.60 40.80 63.35 | 36.90 40.60 39.80 62.35 | | | | |

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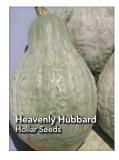














| SQUAS | SH | WIN | WINTER HUBBARD | | | | | | |
|--------|--------------------------------|------|----------------|----------------------|----------------|-------|---|--|--|
| Item # | ▼ Variety | Days | Fruit Size | Weight pounds | Color | Habit | Features | | |
| 42906 | Blue Hubbard | 110 | 7 x 12" | 12 - 14 | Blue Gray | Vine | A popular hubbard type with thick, orange, fine textured, sweet flavored flesh. Claimed by some to be the best of all hubbards. | | |
| 42918 | Blue Hubbard New England 🏷 | 120 | 20 - 30" | 30 - 45 | Blue Gray | Vine | Largest of the hubbards. Flesh is orange with fine texture and flavor. Rupp produced. | | |
| 42944 | Blue Magic F1 | 100 | 5 x 6" | 5 - 7 | Blue Gray | Vine | Miniature Blue Hubbard hybrid for those that love the hubbard flavor but are overwhelmed with the normal Blue Hubbard size. Has a true hubbard shape. | | |
| 42908 | Chicago Warted | 115 | 10 x 13" | 12 - 14 | Green Black | Vine | Large warts, flesh is rich, fine grained and dry. Use for market or garden. | | |
| 42907 | Golden Delicious 📂 | 100 | 7 x 14" | 10 | Red Orange | Vine | Rind is hard and smooth. Flesh is dry, fine grained, and good quality. Used primarily as a processing squash. | | |
| 42926 | Golden Hubbard | 110 | 11 x 9" | 10 | Orange | Vine | Slightly smaller than most hubbards, slightly warted, orange color with tan stripes toward blossom end. | | |
| 42909 | Green True | 105 | 9 x 12" | 12 - 14 | Dark Green | Vine | Good shipper and keeper. | | |
| 42977 | Heavenly Hubbard F1 | 100 | 12 x 15" | 15 - 20 | Blue Gray | Vine | A Hubbard hybrid with thick, fine textured flesh and sweet flavor. | | |
| 42919 | Uchiki Kuri | 90 | 7 x 7" | 2 ½ | Orange Red | Vine | Improved smooth Hubbard selection with almost no ribbing on the fruit. Flesh is very sweet and nutty in flavor. | | |

| SQUASH WINTER HUBE | M=1,000 seeds | | | | |
|---------------------------|--------------------------|-------|--------|--------|--------|
| Priced per package | Priced per package 1 oz. | | | | |
| Priced per pound | | | | | |
| in these package sizes | | | 1# | 5# | 25# |
| 42906 Blue Hubbard | 5.00 | 15.00 | 41.30 | 40.30 | 38.80 |
| 42944 Blue Magic | 16.00 | 50.75 | 139.40 | 138.40 | 136.90 |
| 42908 Chicago Warted | 4.75 | 14.25 | 38.80 | 37.80 | 36.30 |
| 42926 Golden Hubbard | 5.00 | 15.00 | 41.30 | 40.30 | 38.80 |
| 42909 Green True | 4.75 | 14.75 | 40.40 | 39.40 | 37.90 |
| 42919 Uchiki Kuri | 18.75 | 59.00 | 162.65 | 161.65 | 160.15 |
| | | | | | |

| SQUASH WINTER HUBB | M=1,000 seeds | | | | |
|---|---------------|--------|--------|--------|--------|
| Priced per package | 250 Seeds | | | | |
| Price per 1,000 seeds (M) | | 1M | 3M | 25M | 55M |
| Blue Hubbard New 42918 England | 19.20 | 51.10 | 48.10 | 46.10 | 45.10 |
| Blue Hubbard New 42918 England F1400 | 20.60 | 54.85 | 51.85 | 49.85 | 48.85 |
| 42907 Golden Delicious | 9.80 | 26.05 | 23.05 | 21.05 | 20.05 |
| 42907 Golden Delicious F1400 | 11.20 | 29.75 | 26.75 | 24.75 | 23.75 |
| 42977 Heavenly Hubbard | 66.10 | 176.20 | 173.20 | 171.20 | 170.20 |

106 | Squash (Winter) © Copyright 2025 | Rupp Seeds Inc.











| SQUAS | Н | WIN | ITER SPA | AGHET | TI | | | | |
|--------|-------------------------|------------|-----------------|---------|------------------------------|--------------------|---|--|--|
| Item # | Item# ▼ Variety | | Days Fruit Size | | Color | Habit | Features | | |
| 42950 | Pinnacle FI | 85 | 7 x 5" | 3 | Bright Yellow | Semi-Bush | Spaghetti squash with a semi-bush plant habit, that allows higher plant densities and higher yields per acre. Fruit ripen to an appealing bright yellow color. The spaghetti strands are fine and have the nutty flavor of a true Spaghetti Squash. | | |
| 42946 | Primavera ^{FI} | 90 - 95 | 5 ½ x 10" | 2 ½ - 3 | Canary Yellow | Restricted Vine | A high yielding Sakata hybrid with good uniformity and attractive color. | | |
| 42903 | Spaghetti | 105 | 8 - 10" | 2 ½ - 3 | Light Yellow | Vine | A uniform, purified strain by Hollar. Is slightly smaller and will be an excellent fit for the commercial grower. Good keeper, low-calorie spaghetti squash. Market or garden. | | |
| 42929 | Stripetti ^{F1} | 95 | 12" | 4 | Tan with Green Stripes | Vine | Spaghetti squash in a unique package. Interior "noodles" are just like vegetable spaghetti but are sweeter and better tasting. Striped, cream colored rind turns orange when well ripened. A very uniform hybrid. | | |
| 42981 | Vegetable Spaghetti b | 100 | 5 ½ x 10" | 2 ½ | Creamy Yellow | Vine | Sakata's popular OP spaghetti squash introduced years ago. Long, oval shaped with noodle-like strands inside when cooked. | | |

| SQUASH WINTER SPAGE | HETTI | | M=1,0 | 000 seeds | |
|--|--------------|--------|--------|-----------|---------------|
| Priced per package | 1 oz. | 4 oz. | | | |
| Priced per pound in these package sizes | | | 1# | 5# | 25# |
| 42903 Spaghetti | 7.25 | 23.00 | 63.15 | 62.15 | 60.65 |
| 42981 Vegetable Spaghetti FI400 | 12.00 | 38.25 | 105.40 | 104.40 | 102.90 |
| Priced per package | 250 Seeds | | | | |
| Price per 1,000 seeds (M) | | 1M | 3M | 25M | Seeds /lb. |
| 42950 Pinnacle FI400 | 41.15 | 109.65 | 86.30 | 85.80 | 2,600 |
| 42946 Primavera FI400 | 36.25 | 96.65 | 76.10 | 75.60 | 3,500 |
| 42929 Stripetti | 22.00 | 58.55 | 46.10 | 45.60 | 5,900 |

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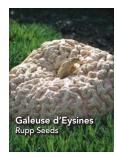
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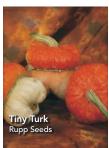


















| SQUAS | SH | WIN. | TER OTHE | ER | | | |
|--------|-------------------------------------|-------------|-------------------------|----------------------|-----------------------------|----------------|--|
| Item # | ▼ Variety | Days | Fruit Size | Weight pounds | Color | Habit | Features |
| 42989 | Autumn Frost | 100- 105 | 5-7" x 5-6" | 2 - 3 | Dark Tan | Medium Vine | Uniquely ribbed, round fruit ripens to dark tan with a frosted overlay. Fruit is similar in taste to a butternut, with superior quality, rich flavor and a shelf life of up to 4 months after maturity. Great in fall displays. Intermediate resistance to powdery mildew. |
| 42901 | Banana Pink Jumbo | 105 | 20" | 15 | Pink / Orange | Vine | Thick, fine grained, light orange flesh. Delicious flavor. |
| 42971 | Galeuse d'Eysines ^{Peanut} | 100 | 6 ½ x 11" | 18 | Pink | Vine | A warty squash from France with ornamental value plus delicious when fried in butter. |
| 42948 | Georgia Candy Roaster | 110 | 2 ½ - 3' | up to 60 | Pink / Orange | Vine | A long, narrow fruited heirloom that is known for its outstanding baking quality. One of the sweetest and tastiest. Enough for the entire village. |
| 42970 | Marina de Chioggia 🎷 🏷 | 100 | 7 x 11" | 11 | Green warted | Vine | A unique green warted squash from Italy with ornamental value. Bred to be used in gnocchi and ravioli. |
| 26017 | Rupp's Turk's Turban | 110 | 15 x 10 | 16-45 | Orange, Green and White | Vine | Large ornamental turban. |
| 26024 | Tiny Turk 🍎 🏷 | 100 | 4 x 5" | 1 ½ - 3 | Orange, Green and White | Vine | A smaller selection of Turk's Turban. Used primarily as decoration. |
| 42938 | Tricolor Cushaw | 110 | Large Curved Neck | 5 - 10 | Gold / Dark Gold Stripes | Vine | Beautiful bright orange squash. Same flesh qualities as other cushaw types. A resurrected old variety. |
| 26007 | Turk's Turban | 100 | 7 x 8" | 3 - 4 | Orange, Green and White | Vine | An ornamental and edible squash/gourd. Attractive for displays. Keeps well. |

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| SWISS | CHARD | | |
|--------|--------------------------------|------|---|
| Item # | ▼ Variety | Days | Features |
| 43006 | Celebration | 60 | A multi-colored chard. It exhibits highly uniform plants with dark green, glossy leaves. It has vibrant multi-colored petioles and venations with high percentage of pink, yellow and orange chards. Great for producing full-sized specialty chard or baby leaf. |
| 42004 | - Australian Haidanan | | Offers growers a rainbow of stem colors: yellow, gold, orange, pink, violet, green, white, red or striped, plus green, dark green or bronze leaf colors. Has improved tenderness and a mild chard flavor. Can be used fresh as a miniature leaf in salads or cooked |
| 43004 | FIVE COIOT Australian Heimooni | 60 | when more mature. |
| 43002 | Rhubarb | 60 | Unique crimson stalks look like rhubarb. Dark green, heavily crumpled leaves have delicious flavor. |

| TOMAT | TILLO | | |
|--------|------------------|------|---|
| Item # | ▼ Variety | Days | Features |
| 44530 | Super Verde | 80 | A green hybrid tomatillo that has mid maturity, plus a nice plant with strong vigor and cover. Fruit set is very good and offers improved uniformity, yield potential and longer cycle production. Fruit are firm, have healthy husks, attractive green color and above average shelf life. |

| 501 | IACH MAINITED OTHER | | | | | |
|--------|--|--------------|-------|-------|--------|---------|
| 300 | JASH WINTER OTHER | | | | M=1,00 | 0 seeds |
| | Priced per package | 1 oz. | 4 oz. | | | |
| | Priced per pound in these package sizes | | | 1# | 5# | 25# |
| 42901 | Banana Pink Jumbo | 7.25 | 22.50 | 61.45 | 60.45 | 58.95 |
| 42948 | Georgia Candy Roaster | 8.25 | 26.00 | 71.55 | 70.55 | 69.05 |
| 42938 | Tricolor Cushaw | 8.00 | 24.75 | 68.20 | 67.20 | 65.70 |
| 26007 | Turk's Turban | 7.00 | 21.50 | 59.15 | 58.15 | 56.65 |
| | Priced per package | 250 Seeds | | | | |
| | Price per 1,000 seeds (M) | | 1M | 3M | 25M | 55M |
| 42989 | Autumn Frost | 31.00 | 82.60 | 79.60 | 77.60 | 76.60 |
| 42971 | Galeuse d'Eysines Peanut | 29.35 | 78.25 | 75.25 | 73.25 | 72.25 |
| 42971U | Galeuse d'Eysines Peanut Untreated | 29.35 | 78.25 | 75.25 | 73.25 | 72.25 |
| 42971 | Galeuse d'Eysines Peanut FI400 | 30.75 | 82.00 | 79.00 | 77.00 | 76.00 |
| 42970 | Marina de Chioggia | 34.20 | 91.20 | 88.20 | 86.20 | 85.20 |
| 42970U | Marina de Chioggia ^{Untreated} | 34.20 | 91.20 | 88.20 | 86.20 | 85.20 |
| 42970 | Marina de Chioggia FI400 | 35.60 | 94.90 | 91.90 | 89.90 | 88.90 |
| 26017 | Rupp's Turk's Turban F1400 | 24.30 | 64.80 | 61.80 | 59.80 | 58.80 |
| 26024 | Tiny Turk | 17.95 | 47.80 | 44.80 | 42.80 | 41.80 |
| 26024 | Tiny Turk FI400 | 19.35 | 51.55 | 48.55 | 46.55 | 45.55 |
| | | | | | | |

| SWISS CHARD | | | M=1 | ,000 seeds |
|--|-------|-------|-------|------------|
| Priced per package | 4 oz. | | | |
| Priced per pound in these package sizes | | 1# | 5# | 25# |
| 43004U Five Color Untreated | 13.95 | 36.35 | 36.10 | 35.60 |
| 43002U Rhubarb Untreated | 9.35 | 24.40 | 24.15 | 23.65 |
| Priced per 1,000 seeds in these package sizes | 10M | 25M | 250M | 1000M |
| 43006U Celebration Untreated | 4.20 | 3.95 | 3.80 | 3.70 |

| TOMATILLO | | | | | M=1,0 | 00 seeds |
|--|--------------|--------------|-------|-------|-------|----------|
| Priced per package Price per 1,000 seeds (M) | 100 Seeds | 500 Seeds | 1M | 5M | 25M | 100M |
| 44530 Super Verde | 5.35 | 17.75 | 28.35 | 24.65 | 22.40 | 21.30 |



TOMATOES

PLANTING

Sow in greenhouse 4 - 6 weeks before desired planting date. Allow plants to adjust to field conditions for 48 hours before transplanting. Plant transplants up to 6 inches deep.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Staking and pruning plants are an important management practice. Staking and pruning allows the plant to concentrate on fruit development and also ensures less damage when harvesting fruit. Staking also keeps fruit from setting on the ground. Grow plants on raised beds with drip irrigation. Scout weekly to ensure crop quality. Consult Midwest Vegetable Production Guide on identification and treatment.

www.ruppseeds.com/MVPG

HARVEST

Harvest tomatoes when 60 - 90% red for fresh markets. Consult your buyers on what stage they would like their tomatoes harvested. However, please note that the more red the tomato the shorter the shelf life.

STORAGE

Store at 50 - 60°F and 85 - 95% humidity to ensure the longest shelf life.

DISEASE CODES

ASC - Alternaria Stem Canker

BLS - Bacterial Leaf Spot

BS - Bacterial Spec

BW - Bacterial Wilt

EB - Early Blight

FCR - Fusarium Crown Rot

Ff - Leaf Mold

FR - Fusarium Race #

GLS - Gray Leaf Spot

N - Nematodes

PM - Powdery Mildew

PVY - Potato Virus Y

TMV - Tobacco Mosaic Virus

ToMV - Tomato Mosaic Virus

TYLC - Tomato Yellow Leaf Curl

SW - Spotted Wilt

SBW - Southern Bacterial Wilt

VW - Verticillium Wilt

USE

BP - Bedding Plant

HG - Home Garden

FM - Fresh Market

S - Shipping

P - Processing

TERMS

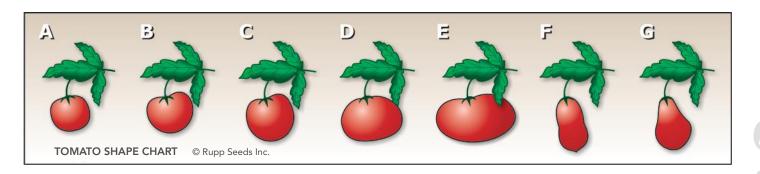
GS - Green Shoulders

LGS - Light Green Shoulders when ripe

UG - Uniform Green Gene ripe fruit are a uniform color

DT - Determinate restricted vine or bush

INDT - Indeterminate vining type used primarily in home gardens















| TOMA | ТОМАТО | | | ARDEN | Pricing on page 112 | | | | |
|--------|-------------------|-------|-----------|---------------|---------------------|-------|-------|---|---|
| Item # | ▼ Variety | Days | Use | Weight ounces | Shoulders | Shape | Habit | Disease | Features |
| 44002 | Better Boy | 75 | HG | 8 | GS | С | INDT | ASC, FR ¹ , GLS, N, VW | LIMITED SUPPLY Widely adapted. |
| 44080 | Better Boy Plus 🔬 | 77 | FM, HG | 8 | GS | С | INDT | ASC, FCR, FR ¹ , GLS, N,SW, ToMV ² , VW | All the great characteristics of the Better Boy, plus more flavor, disease resistance and adaptability. |
| 44076 | Big Beef 🐔 | 73 | HG | 9 - 10 | GS | D | INDT | ASC, FR ^{1,2} , N, TMV, VW | AAS winner with an excellent name that will assure its place in the home garden. High yield, attractive. |
| 44081 | Big Beef Plus 🐔 | 75 | FM, HG | 9 - 10 | GS | D | INDT | ASC, FCR, FR ^{1,2} , GLS, N, SW ⁰ , ToMV ⁰⁻² , ToTV, VW ¹ | Boasts better flavor, adaptability, disease resistance and appearance. It has the Crimson Gene that gives this classic tomato a visibly deeper red internal gel. |
| 44003 | Big Boy | 78 | HG | 12 | GS | С | INDT | | Large, popular home garden. |
| 44006 | Celebrity | 72 | FM, HG | 8 | GS | D | DT | ASC, FR ^{1,2} , GLS, N, TMV, VW | AAS winner. Excellent flavor. |
| 44082 | Celebrity Plus 🐼 | 75 | FM, HG | 8 | GS | D | DT | ASC, FR ⁰⁻¹ , GLS, N, SW ⁰ ,TMV ⁰⁻² , VW ⁰ | A widely adaptable hybrid for fresh market and home garden with added resistance to tomato spotted wilt virus. Large, smooth fruit with outstanding flavor. |
| 44035 | Early Girl 🚳 | 60 | HG | 4 - 6 | GS | В | INDT | VW | LIMITED SUPPLY Popular, early home garden variety. |
| 44098 | Early Girl Plus 🚳 | 60 | HG | 4 - 6 | GS | В | INDT | SW | One of the best-selling early varieties on the market just got better. Same great taste, with a great disease package to help gardeners have a great success. Enjoy more fruit per yield. |
| 44009 | Lemon Boy | 72 | HG | 6 | GS | С | INDT | ASC, FR ¹ , GLS, N, VW | LIMITED SUPPLY Lemon colored, sweet flavored. |
| ····· | | ••••• | . * | ···· | •••••• | ••••• | | | More varieties on the next page> |

Icon Key for: **TOMATOES**







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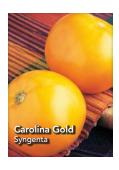






| TOMA | то | HOI | HOME GARDEN / BEDDING Hybrid | | | | | | | | | |
|--------|---------------------|-----------|------------------------------|---------------|-----------|-------|-------|---|--|--|--|--|
| Item # | ▼ Variety | Days | Use | Weight ounces | Shoulders | Shape | Habit | Disease | Features | | | |
| 44083 | Lemon Boy Plus 🐼 | 70 | FM/ HG | 7 | GS | С | INDT | ASC, FCR, FR ¹⁻³ , GLS, N, ToMV ⁰⁻² , ToTV, VW ¹ | Has all the best qualities of the original Lemon Boy, plus added flavor and disease resistance. It has a unique yellow color and a sweet, tangy flavor. | | | |
| 44095 | Pink Delicious 🚰 | 84 | HG | 8 | | E | INDT | ToMV ⁰⁻² , GLS, VW ¹ | This giant heirloom-style hybrid tomato is as pink as it is delicious! With an average of about half a pound per fruit, this crack-resistant tomato will be sure to please any heirloom lover. High yielding. | | | |
| 44085 | RuBee Dawn <u>«</u> | 57 | FM/ HG | 7 | GS | С | INDT | ASC, FCR, Ff, FR ⁰⁻¹ , GLS, N, ToMV ⁰⁻¹ , VW ¹ | A large-fruited indeterminate red salad variety that is very early maturing and has great flavor. The fruit are deep oblate in shape, smooth, firm, have a light green shoulder and have a deep red color at maturity. The compact plant has short internodes, is open with mid vigor, and is well suited for staked open field and high tunnel. | | | |
| 44124 | RuBee Goddess 🕥 | 60- 65 | FM/ HG | 7 | GS | С | INDT | ASC, FR ^{1,2} FCR, Ff, A-E, ToMV ^{0,1} , VW ¹ | A large-fruited indeterminate red salad variety, that is early maturing and has high-quality fruit on a productive plant with strong disease resistance. The fruit are globe in shape, firm and have a deep red color at maturity. The mid-compact plant has short internodes, with mid-strong vigor and is well suited for staked open field and high tunnel. | | | |

| TOMATO HOME G | ARDEI | N/BED | DING | Hybrid | | |
|---------------------------------|--------------|--------------|-------|--------|--------|---------|
| Priced per package | 100 Seeds | 500 Seeds | | | M=1,00 | 0 seeds |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 100M |
| 44002 Better Boy Limited Supply | 10.60 | 40.65 | 65.00 | 56.50 | 51.35 | 48.90 |
| 44080 Better Boy Plus | 11.20 | 43.00 | 68.75 | 59.75 | 54.30 | 51.70 |
| 44076 Big Beef | 13.55 | 51.95 | 83.10 | 72.25 | 65.65 | 62.50 |
| 44081 Big Beef Plus | 14.30 | 54.95 | 87.90 | 76.40 | 69.45 | 66.10 |
| 44003 Big Boy | 7.25 | 27.75 | 44.40 | 38.60 | 35.05 | 33.35 |
| 44006 Celebrity | 11.95 | 45.85 | 73.35 | 63.75 | 57.95 | 55.15 |
| 44082 Celebrity Plus | 13.90 | 53.35 | 85.30 | 74.15 | 67.40 | 64.15 |
| 44035 Early Girl Limited Supply | 10.25 | 39.25 | 62.80 | 54.60 | 49.60 | 47.20 |
| 44098 Early Girl Plus | 10.30 | 39.45 | 63.10 | 54.85 | 49.85 | 47.45 |
| 44009 Lemon Boy Limited Supply | 14.20 | 54.60 | 87.30 | 75.90 | 69.00 | 65.70 |
| 44083 Lemon Boy Plus | 14.25 | 54.65 | 87.40 | 76.00 | 69.05 | 65.75 |
| 44095 Pink Delicious | 14.90 | 57.20 | 91.50 | 79.55 | 72.30 | 68.85 |
| 44085 RuBee Dawn | 14.35 | 55.05 | 91.75 | 83.40 | 79.40 | 75.60 |
| 44124 RuBee Goddess | 14.35 | 55.05 | 91.75 | 83.40 | 79.40 | 75.60 |













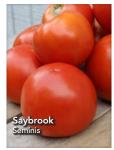






| TOMAT | Ω | FRE | SH N | 1ARKF | T Hybrid | | | | Pricing on page 114 |
|-----------|-----------------|-----------|------------------|------------------|-----------|-------|-------|---|---|
| Item # | ▼ Variety | Days | Use | Weight ounces | Shoulders | Shape | Habit | Disease | Features |
| 44126 | Carolina Gold 🐠 | 75 | HG, FM | 10 - 12 | GS | С | DT | FR ^{1,2} , VW | A yellow hybrid from Syngenta and North Carolina State University with very small blossom scar, tolerance to cracking and weather check. |
| 44120 | Florida 47 R | 75 | S | 10 | UG | С | DT | ASC, FR ^{1,2} , GLS, VW | A Seminis hybrid with exceptional firmness and fruit quality. |
| 44159 | Florida 7514 🎷 | 75 | FM, S | 10 | UG | С | DT | BS, BW, FR ^{1,2} , GLS, VW | A University of Florida hybrid with excellent disease resistance, fruit, yield, plus good crack resistance and great flavor. |
| 44045 | Grand Marshall | 78 | FM, S | 9 - 10 | UG | С | DT | ASC, FR ^{1,2} , GLS, TYLC, VW | Vigorous hot set variety with extra-large and large, firm fruit. Pruning is beneficial at a low to medium level. Strong plant and good field performance under bacterial pressure. |
| 44232 NEV | 🤊 сто 🕰 | 60 | FM | 8-10 | UG | С | DT | FR ^{1,2} , ToMV ^{1,2} , VW | An early maturing determinate tomato, producing jumbo, crimson red globe-shaped, firm fruit with thick walls. Ideal for open field or high tunnel growing. Performs well in cold or cold-to-hot seasons. |
| 44061 | Laguna Red 🕰 | 70 | FM, S | 8 - 12 | UG | С | DT | ASC, FR ^{1,2} , FCR, ToMV ^{0,1} , VW ¹ | A high quality determinate variety well suited for cool season production. Fruit are an attractive red, firm and smoothshouldered with good flavor. Suited for both mature green and vine ripe markets. Medium tall plants that benefit from light pruning, and a mid-concentrated set. |
| 44231 NEV | Lancer | 72 | BP, FM, HG | 12 | GS | С | INDT | TMV ^{0,2} , VW, FR ⁰⁻² , Ff | An early maturing, high-yielding hybrid, open compact plant, with short internodes, and good fruit set. The round fruits are large, have great taste, and have an attractive deep red color. |
| 44123 | Rambler 🕰 | 68- 72 | FM, S | 8 - 12 | UG | С | DT | ASC, FR 1-3, FCR, GLS, SW, VW 1 | An adaptable, high quality determinate salad variety featuring high yield potential of jumbo and extra-large fruit. Fruit size, color, quality, and firmness are excellent. Suited for both mature green and vine ripe markets. The plants are mediumtall and benefit from light to no pruning. |
| 44063 | Red Snapper | 70 | FM, S | 8 - 12 | UG | С | DT | ASC, FR ^{1,2} , FCR, ToMV ^{0,1} , VW ¹ | A high quality determinate variety suited for cool season production. Fruit are an attractive red, firm and smooth-shouldered with good flavor. Suited for both mature green and vine ripe markets. Medium tall plants that benefit from light pruning, and a mid-concentrated set. |









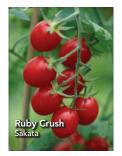




| TOM | ATO | FRESH MARKET Hybrid | | | | | | | |
|--------|------------------|---------------------|----------|---------------|-----------|-------|-------|--|---|
| Item # | ▼ Variety | Days | Use | Weight ounces | Shoulders | Shape | Habit | Disease | Features |
| 44048 | Roadster 🚱 | 67 | FM, S | 8 - 12 | UG | С | DT | ASC, FR ^{1,2,3} , TSWV, VW | Produces early, large, red, and firm fruit with superior flavor. A determinate that is widely adapted and resistant to some common diseases. It can be harvested green or ripe and is suitable for shorter growing seasons or late planting. |
| 44057 | Saybrook | 80 | FM, S | 10 | UG | С | DT | GLS, N, SW, VW | This determinate round tomato is ideal for both the vine ripe and mature green market. The vigorous plant produces a large set of extra-large smooth fruit all the way to the top of plant with good canopy cover to reduce sunscald. |
| 44022 | Skyway 687 | 75 | FM | 11 | UG | С | DT | FR ¹⁻³ , N, SW, TYLC | LIMITED SUPPLY With excellent interior color, firmness and good eating quality, it has a strong plant that provides consistent sized fruit up the plant. Fruit size is extra-large to jumbo. |
| 44086 | ★ STM2255 🐔 | 70 | FM, S | 8 - 12 | UG | С | DT | ASC, FCR, FR 1,2, GLS, SW, TYLC, VW 1 | Very versatile and adaptable variety with high yield potential and good vine-ripe flavor. Fruit are an attractive red color, firm and have a good shelf-life. Can be used for both mature green and vine ripe markets. Plants are medium tall, have mid cover and benefit from pruning. |
| 44100 | Windup | 80 | FM, S | 8 | UG | С | DT | TMV, TYLC, ASC, FR ¹⁻³ , GLS, VW ¹ | A full-season determinate, fresh market tomato for the eastern U.S. suited for vine-ripe or gas ripened markets. It has shown to produce large to extra large fruits with excellent quality and uniformity. Good disease resistance package. |

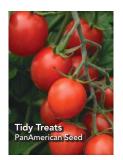
| TON | /IATO FRESH M | d | | M=1,0 | 000 seeds | | |
|--------|------------------------------------|--------------|---------------|-------------|-----------|--------|--------|
| | Priced per package | 100 Seeds | 500 Seeds | | | | |
| Pı | rice per 1,000 seeds (M) | | | 1M | 5M | 25M | 100M |
| 44126P | Carolina Gold Pelleted | 14.90 | 57.25 | 95.40 | 86.70 | 82.55 | |
| 44120P | Florida 47 R Pelleted | 18.15 | 69.80 | 116.30 | 105.70 | 100.65 | 95.85 |
| 44159 | Florida 7514 | 9.45 | 36.25 | 60.40 | 54.90 | 52.25 | 49.75 |
| 44045 | Grand Marshall | 23.80 | 91.40 | 152.30 | 138.45 | 131.85 | 125.55 |
| 44232 | GTO | 22.80 | 87.55 | 145.85 | 132.55 | 126.20 | 120.15 |
| 44061P | Laguna Red Pelleted | 21.75 | 83.50 | 139.10 | 126.45 | 120.40 | 114.65 |
| 44231P | Lancer Pelleted | 23.40 | 89.85 | 149.75 | 136.10 | 129.60 | 123.40 |
| 44123P | Rambler Pelleted | 24.85 | 95.55 | 159.25 | 144.75 | 137.85 | 131.25 |
| 44063P | Red Snapper Pelleted | 24.85 | 95.55 | 159.25 | 144.75 | 137.85 | 131.25 |
| 44048P | Roadster Pelleted | 23.90 | 91.90 | 153.10 | 139.15 | 132.50 | 126.15 |
| 44057P | Saybrook Pelleted | 19.30 | 74.15 | 123.55 | 112.30 | 106.95 | 101.85 |
| 44022P | Skyway 687 Pelleted Limited Supply | 19.10 | 73.40 | 122.30 | 111.15 | 105.85 | |
| 44086 | STM2255 | 33.80 | 130.00 | 216.65 | 196.95 | 187.55 | 178.60 |
| 44100 | Windup | 16.20 | 62.25 | 103.70 | 94.25 | 89.75 | 85.45 |
| | * Multiple packages may b | e used to fi | ll orders for | these quant | tities. | | |













| TOMA | TOMATO | | ERRY H | ybrid | | | |
|--------|-----------------------|-----------|---------------|--------|---------------|--|---|
| Item # | ▼ Variety | Days | Weight ounces | Shape | Habit | Disease | Features |
| 44140 | 44140 BHN-268 | 68 | 0.9 | Globe | DT | FR ² , VW | Longer shelf life, increased firmness, and a fraction smaller than other hybrids. Ships extremely well. Fewer picks of higher color fruit. Yields are unbelievable. |
| 44059 | Chocolate Sprinkles 🐽 | 55 | .45 | Globe | INDT | FR¹, N | Heirloom flavor and appearance with a modern disease package and firm texture. Performs well in high tunnel and open field. Unique dark red fruit with a green striped exterior and purple flesh color. |
| 44087 | Gold Spark 🐠 | 65 | .45 | Grape | INDT | Ff, ToMV ⁰⁻² , GLS | Gold Spark a great tasting indeterminate yellow grape with high yield and consistent brix throughout the season. Excellent shelf life. Plants display strong vigor with medium height. |
| 44103 | Husky Cherry Red | 65 | 1 | Cherry | Dwarf Indt | FR ¹ , VW | High yields with controlled growth. |
| 44165 | Red Grape | 68 | .35 | Grape | INDT | | A superior flavored grape tomato from with firm, excellent shaped red fruit. |
| 44047 | Ruby Crush 🐔 | 65 | .45 | Grape | DT | FCR, FR ^{1,2} , ToMV ⁰⁻² , GLS | Deep red fruit that are very smooth, uniform and firm with a good flavor profile. Limited to no pruning necessary. High yield potential. |
| 44125 | Sweet Gold | 65 | .35 | Cherry | INDT | FR ¹ , ToMV | A very early, indeterminate yellow cherry tomato with good flavor. Plants are high yielding and very vigorous – producing single and double clusters. Fruit are small and weigh around 10 to 15 grams. |
| 44199 | Sweet Hearts | 60 | .45 | Grape | INDT | FR¹, Ff ^{A-E} , ToMV ⁰⁻² | Hybrid from Sakata with excellent crack resistance, shelf life, high Brix and yields. Sets under cooler conditions than most grapes. |
| 44049 | Tidy Treats 🐠 | 50- 55 | .24 | Cherry | DT | FR, VW | Tons of fruit on a compact plant. Good in small-space gardens and containers. |

| TOMATO CHERRY Open Pollinated | | | | | nated | | |
|-------------------------------|------------------------|------|---------------|-------|-------|---------|--|
| Item # | ▼ Variety | Days | Weight ounces | Shape | Habit | Disease | Features |
| 44068 | Artisan Bumble Bee Mix | 70 | .78 | | INDT | | A mix of 3 colors of Bumble Bee Cherry Tomatoes. Pink, Purple and Sunrise, which is yellow with red stripes. Excellent sweet and tangy flavor, 0.7-0.8 oz fruit. |

| TOMATO CHERRY Hybr | | M=1,000 seeds | | | | | | | | | | | | |
|---------------------------------|----------------|----------------|-----------|--------|--|--|--|--|--|--|--|--|--|--|
| Priced per package | 100 Seeds | 500 Seeds | | | | | | | | | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | | | | | | | | | |
| 44140P BHN-268 Pelleted | 52.85 | 175.45 | 292.40 | 278.45 | 265.15 | | | | | | | | | |
| 44059 Chocolate Sprinkles | 27.90 | 92.65 | 154.40 | 147.30 | 140.25 | | | | | | | | | |
| 44087 Gold Spark | 80.35 | 266.80 | 444.60 | 423.40 | 403.20 | | | | | | | | | |
| 44103 Husky Cherry Red | 7.45 | 27.45 | 43.90 | 38.15 | 34.65 | | | | | | | | | |
| 44165 Red Grape | 30.90 | 102.50 | 170.80 | 162.95 | 155.15 | | | | | | | | | |
| 44047 Ruby Crush | 51.40 | 170.60 | 284.30 | 271.25 | 258.30 | | | | | | | | | |
| 44125 Sweet Gold | 8.10 | 29.95 | 47.85 | 41.60 | 37.80 | | | | | | | | | |
| 44199 Sweet Hearts | 72.15 | 239.70 | 399.45 | 380.40 | 362.25 | | | | | | | | | |
| 44222 Sweet Treats | 68.40 | 227.20 | 378.60 | 360.55 | | | | | | | | | | |
| 44049 Tidy Treats | 14.45 | 47.85 | 79.75 | 76.05 | 72.40 | | | | | | | | | |
| * Multiple packages may be used | to fill orders | s for these qu | antities. | | * Multiple packages may be used to fill orders for these quantities. | | | | | | | | | |

| TOMATO CHERRY Open Pol | MATO CHERRY Open Pollinated | | | | | |
|------------------------------|-----------------------------|--------------|-------|-------|--|--|
| Priced per package | 100 Seeds | 500 Seeds | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | | |
| 44068 Artisan Bumble Bee Mix | 9.70 | 35.75 | 57.20 | 49.70 | | |

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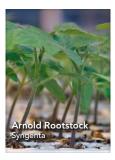
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W













| ТОМАТО | | GREENHOU | GREENHOUSE 🐔 | | | | | | | | |
|--------|------------------|------------------------------|---|-------|--|---|--|--|--|--|--|
| Item # | ▼ Variety | Use | Weight ounces | Shape | Disease | Features | | | | | |
| ····· | | . | | | ΓΩ-F Γ-101 | | | | | | |
| 44020 | Torero | Cold Greenhouse & Tunnels | 8 - 9 | Round | Ff ^{A-E} , Fol ^{0,1} , For, Va ⁰ , Vd ⁰ , ToMV ⁰⁻² , ToTV | Large beef variety with excellent fruit quality and shelf life. Maintains an excellent fruit size even during summer. | | | | | |
| 44198 | Arnold Rootstock | Cold Greenhouse & Tunnels | Germinates extremely well. Arnold has a more generative effect on the plant and is therefore suitable for vigoror varieties, late plantings in the spring or in vegetative conditions; such as with growers that produce without hea save energy. | | | | | | | | |

| TOMATO | PRO | PROCESSING / SALADETTE Hybrid | | | | | | |
|--------|------------------|-------------------------------|-------|---------------|-------|-------|---|---|
| Item # | ▼ Variety | Days | Use | Weight ounces | Shape | Habit | Disease | Features |
| 44062 | BHN-1045 | 75 | FM, S | 4 | F | DT | FR ^{1,2,3} , N, SW, TYLC, VW | Uniform large fruit with a deep blocky shape. A strong determinate plant with an excellent disease package. |
| 44555 | Inca | 65-70 | FM, S | 5 | F | DT | ASC, FR ^{1,2,3} , BS, VW | Blocky, elongated-shaped hybrid with large and extra large fruit. Fruit is deep red, firm, and has a good shelf-life. The plants are medium compact, have mid cover and can set more continuously than other types in this class. Intermediate resistance to nematode |
| 44176 | Mariana | 74 | FM | 4 - 5 | F | DT | ASC, FR ^{1,2} , N, VW | A blocky, Roma type with thick walls and very good fruit color. Excellent firmness and shelf life. |
| 44091 | San Marzano | 61 | FM | 3.8 | F | INDT | | A step above your typical Roma with high yields. Classic Italian flavor with an extra kick! Great in sauces and baked dishes. |

| | ı | M=1,000 seeds | | | | | |
|--|---|--|--|--|--|--|--|
| 100 Seeds | 500 Seeds | | | | | | |
| | | 1M | | | | | |
| 136.70 | 525.75 | 876.20 | | | | | |
| 67.00 | 257.60 | 429.30 | | | | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | |
| production are avail | able. Ask us. | | | | | | |
| | 136.70 67.00 orders for these qua | 100 Seeds 500 Seeds 136.70 525.75 67.00 257.60 | | | | | |

| TOMATO PROCES | | | | | | | | | |
|---------------------------------|--|--------------|--------|--------|--------|--------|--|--|--|
| Priced per package | 100 Seeds | 500 Seeds | | | | | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 25M | 100M | | | |
| 44062P BHN-1045 Pelleted | 22.75 | 87.45 | 145.70 | 132.45 | 126.10 | 120.05 | | | |
| 44555 Inca | 18.95 | 72.75 | 121.25 | 110.20 | 104.95 | 99.95 | | | |
| 44176P Mariana Primed Pelleted | 18.10 | 69.60 | 115.95 | 105.40 | 100.35 | 95.55 | | | |
| 44091 San Marzano | 13.25 | 50.95 | 84.85 | 77.10 | 73.40 | 69.90 | | | |
| * Multiple packages may | * Multiple packages may be used to fill orders for these quantities. | | | | | | | | |

| TURNII | PS / RUTABAGA | | |
|--------|--------------------------|------|--|
| Item # | ▼ Variety | Days | Features |
| 45903 | Laurentian Rutabaga | 90 | A dependable, yellow-fleshed rutabaga for storage and shipping. Selected for its sweet flavor and small necks. |
| 45501 | Purple Top White Globe | 57 | Smooth, globe-shaped, purple topped with, white globe beneath 5 - 6" fruit with white, fine grained flesh. |
| 45001 | Tokyo Cross [⊓] | 35 | A very early, perfect globe shaped root. Can be harvested from 2 - 6" without risk of getting pithy. |

TURNIPS / RUTABAGA

| TORINII 3 / ROTADAGA | | | | | |
|---|-------|--------|--------|--------|-------|
| Priced per package | 1 oz. | 4 oz. | | | |
| Priced per pound | | | | | |
| in these package sizes | | | 1# | 5# | 50# |
| 45903 Laurentian Rutabaga | 4.20 | 14.45 | 40.35 | 39.35 | |
| 45501U Purple Top White Globe Untreated | | 6.95 | 16.95 | 16.45 | 15.95 |
| 45001 Tokyo Cross | 30.05 | 104.50 | 292.20 | 291.20 | |



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WATERMELON

(Seeded)

PLANTING

Start in the greenhouse and allow 28 - 35 days to get plants ready to transplant. Excessive water during germination must be avoided. Water transplant growing medium well and allow excess moisture to drain and moisture to stabilize for 24 - 48 hours. Bring medium temperature to 80 - 95°F before seeding. Seedcoat adherence to cotyledons may be virtually eliminated by orienting the seed in transplant trays with the pointed end up at a 45° to 90° angle. Plant transplants 6 - 12 feet apart with 36" between plants.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

Scout fields every 7 days to monitor weed, insect, and disease pressure. Place pollinating insects near the field to ensure proper pollination. Water only if necessary. Do not over-water.

HARVEST

Ripeness is indicated by a cream to slight yellowing of the white background color of the part of the melon that rests on the ground. Drying of the stem tendril nearest the attachment point of the watermelon and green color tone of the rind are also indicators of ripeness but these vary with cultivar. Melons should be cut from the vine rather than pulled, twisted, or broken off.

STORAGE

Store at 50 - 60°F and at a humidity level of 90 - 95%. This will ensure a long shelf life.

DISEASE CODES

A - Anthracnose

F - Fusarium

GSB - Gummy Stem Blight

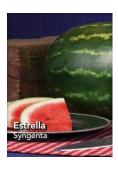


DOCUMENTS REQUIRED

Various products in our catalog require signed documents before seed can be shipped. Look for this document icon with a page number. This will guide you to the page with the appropriate document for the product you are purchasing.

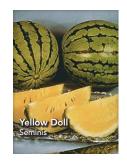
*REQUIRED for all watermelon prior to shipping.

| Watermelon (Seeded) © Copyright 2025 | Rupp Seeds Inc.









| WATER | RMELON | LAR | RGE Hybrid | | | | | | |
|--------|-----------------------|-------|----------------|----------------------|-----------|----------------|--------------|----------------|---|
| Item # | ▼ Variety | Days | Shape | Weight pounds | Rind Type | Flesh Color | Seed Size | Disease | Features |
| 46041 | Estrella 139 | 80 | Long Blocky | 20 - 24 | Allsweet | Bright Red | Small | A, F | Excellent flavor and texture. Plants are typically vigorous with large leaves. Uniform fruit. Can be used as a pollenizer for seedless production. |
| 46063 | Safari ¹³⁹ | Early | Elongated | 25 - 30 | Allsweet | Bright Red | | A ¹ | Safari has high tolerance to internal cracking. Yielding maximum fruits, it leaves little waste and has high field holding for a flexible harvest. Can be used as a pollenizer for seedless production. |
| 46030 | Sangria 139 | 85 | Elongated | 18 - 22 | Allsweet | Bright Red | Large | A, F | Good field performance with excellent taste. |

| WATER | RMELON | ICEI | BOX Hybr | id | | | | | |
|--------|------------------|------|-----------------|----------------------|-----------------------------------|----------------|--------------|---------|--|
| Item # | ▼ Variety | Days | Shape | Weight pounds | Rind Color | Flesh Color | Seed Size | Disease | Features |
| 46005 | Yellow Doll 139 | 68 | Oval | 5 - 7 | Medium Green / Dark Stripes | Yellow | Small | | Unusual, very sweet home garden hybrid. Crisp flesh. |

| WATERMELO | N LARGE H | ybrid | | M=1 | ,000 seeds | | | |
|--|------------------------------------|--------------|--------|--------|------------|--|--|--|
| | ced per package 1,000 seeds (M) | 250 Seeds | 1M | 5М | 10M* | | | |
| 46041 Estrella | | 49.15 | 126.80 | 121.80 | 116.80 | | | |
| 46063 Safari | | 38.35 | 98.85 | 93.85 | 88.85 | | | |
| 46030 Sangria | | 50.85 | 131.10 | 126.10 | 121.10 | | | |
| *NOTICE WATERMELON GROWERS: Customers are required to sign a "Waiver of Liability" form, prior to the shipping of any watermelon seed. | | | | | | | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | | |

| WATERMELON ICEBOX | 1 | | M=1 | ,000 seeds | | | |
|--|--------------|--------|--------|------------|--|--|--|
| Priced per package | 250 Seeds | | | | | | |
| Price per 1,000 seeds (M) | | 1M | 5M | 10M* | | | |
| 46005 Yellow Doll | 48.55 | 133.85 | 126.35 | 121.35 | | | |
| * Multiple packages may be used to fill orders for these quantities. | | | | | | | |







pg.121 EL CAPITAN X

WATERMELON

(Seedless)

PLANTING

Start in the greenhouse. Allow 28 - 35 days to get plants ready to transplant. Excessive water during germination must be avoided. Water transplant growing medium well and allow excess moisture to drain and moisture to stabilize for 24 - 48 hours. Bring medium temperature to 80 - 95°F before seeding. Seedcoat adherence to cotyledons may be virtually eliminated by orienting the seed in transplant trays with the pointed end up at a 45° to 90° angle. Plant transplants 6 - 12 feet apart with 36" between plants.

As a general rule, direct field seeding of the pollenizer variety should be done on the same day the triploid seed is planted in the greenhouse. Small-fruited, icebox varieties usually flower earlier than standard watermelon varieties. If icebox varieties are to be used as the pollenizer, then direct seeding should be delayed a week to ten days. The diploid icebox pollenizer variety will frequently set fruit and stop producing male blossoms while the triploid variety is still producing female blossoms. Growers may make a second planting of a pollenizer 2 - 3 weeks after the initial planting to provide pollen for the late-developing female blossoms on the triploid variety. No consistent differences among any standard and icebox types in effectiveness of pollination have been noted. Icebox varieties used as pollenizers result in high early yields; standard varieties used as pollenizers result in high total yields.

See "Germination Chart" on page 125 for additional information on germination rate and days to germination at various soil temperatures.

MANAGEMENT

For successful seedless watermelon production, an adequate bee population is especially important to transfer the pollen from the pollenizer variety to the seedless variety (seedless watermelons do not produce pollen). The pollenizer variety is normally planted in alternate, or every third row to ensure adequate pollen movement by the bees. At least eight visits to an individual flower of the seedless variety are necessary for adequate hormonal stimulation for normal fruit development. Scout fields very 7 days to monitor weed, insect, and disease pressure.

HARVEST

Ripeness is indicated by a cream to slight yellowing of the white background color of the part of the melon that rests on the ground. Drying of the stem tendril nearest the attachment point of the watermelon and green color tone of the rind are also indicators of ripeness but these vary with cultivar. Melons should be cut from the vine rather than pulled, twisted, or broken off.

STORAGE

Store at $50 - 60^{\circ}F$ and at a humidity level of 90 - 95%. This will ensure a long shelf life.



DOCUMENTS REQUIRED

Various products in our catalog require signed documents before seed can be shipped. Look for this document icon with a page number. This will guide you to the page with the appropriate document for the product you are purchasing.

*REQUIRED for all watermelon prior to shipping.











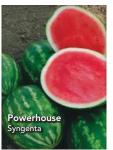








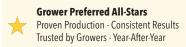






| WATE | RMELON | TRII | PLOID Hy | brid | | | Pricing on page 122 |
|--------|------------------|-----------|---|---|----------------------------|---|---|
| Item # | ▼ Variety | Days | Shape | Weight pounds | Rind Type | Flesh Color | Features |
| 46097 | NEW Bahama 139 | 79 | Globe | 11-14 | Dark Green | Bright Red | An early maturing, concentrated fruit set with high yield potential. Its thicker rind and denser flesh help contribute to increased shelf life and improve shipping ability. Satisfies both grower requirments for exceptional taste and quality. |
| 46049 | Dark Knight 139 | 80 | Globe | 14 - 17 | Dark Green | Dark Red | Eye-catching with its globe shape and dark green smooth exterior. Dark red flesh with medium firmness. Slightly larger than Sweet Gem. |
| 46052 | El Capitan 139 | 85- 90 | Blocky Oval | 16 - 20 | Wide dark green stripes | Deep Red | A triploid watermelon with an attractive darker Crimson Sweet rind pattern. This variety has shown excellent yield potential as well as extended shipping and field holding ability. Uniform, blocky-shaped fru on vigorous vines. Deep red, firm flesh, small pip size and excellent flavo |
| 46140 | Fascination 139 | 85 | Blocky | 17 - 21 | Crimson Sweet | Dark Red | A variety with very firm, high quality flesh with small pips. Exhibits improved disease tolerances to Fusarium and Anthracnose. |
| 46155 | Golden Crisp 139 | 85 | Oblong | 14-16 | Dark Green | Yellow | This fruit boasts a remarkably bright yellow firm flesh and a dark green rind. Great for fresh markets. |
| 46100 | Jet Ski 139 🏀 | 78 | Oblong | 14-16 | Mottle Stripe | Dark Red | Jet Ski is an early, 45 count, mottle stripe watermelon with high average degrees brix and has shown excellent quality with deep red interior colo |
| 46026 | Joy Ride 139 | 86 | Oblong | 19 - 20 | Mottle Stripe | Dark Red | Highly adaptable and suitable hybrid for growing across all regions of the country. Produces a large percentage of 36-count watermelons. Offer a thick rind and firm fruit with uniform setting. Has an industry leading average degrees Brix of 11.5 in trials, surpassing all comparable varietie |
| 46134 | Melody 139 | 80 | Globe | 14 - 16 | Allsweet | Dark Red | Offers growers the advantage of an early maturing hybrid, with a heavy, concentrated and uniform fruit set. |
| 46007 | Orange Crisp 139 | 92 | Round / Oval | 14 - 18 | Jubilee | Orange | The melons hold up for a very long time in and out of the field. Very crisp and firm flesh. Yellow-orange flesh turns more orange as it matures and the taste improves with time. Don't pick too early! |
| 46053 | Powerhouse 139 | 86 | Blocky | 17 | Crimson Sweet | Red | Produces uniform, blocky fruit with firm flesh, great internal color and fu flavor. Offers high yield potential, a high percentage of 45-count fruit an early market advantage. |
| 46062 | Sandbar 139 | 82 | Oblong | 14-17 | Dark Mottle Stripe | Red | Sandbar is a 45-count melon that has a vigorous plant with good yield potential. Outstanding internal characteristics with high uniformity of fruit size and shape. |
| | | ****** | *************************************** | *************************************** | | *************************************** | More varieties on the next page> |

Icon Key for: WATERMELON (Seedless)

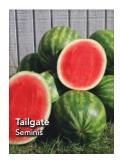




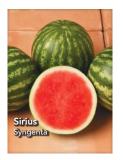














| WATE | ERM | ELON | TRIE | PLOID H | ybrid | | | |
|----------|---------|----------------------|------|-----------------|----------------------|--|------------------|--|
| Item # | | ▼ Variety | Days | Shape | Weight pounds | Rind Type | Flesh Color | Features |
| 46102 | * | Sweet Dawn 139 | 76 | Blocky | 16 - 20 | Crimson Sweet | Dark Red | Early variety that produces high yields, offering growers significant first to market advantages. Firm and sweet, it's ideal for retail markets. |
| 46008 | * | Sweet Gem 139 | 83 | Oval | 12 | Dark Green | Bright Red | High-yielding seedless variety that produces uniform, large, oval fruit with a rich, classy rind. Its distinctive look and superior flavor make it ideal for the fresh market and a standout in the produce aisle. |
| 46039 | | Tailgate 139 | 83 | Oblong | 17-21 | Dark mottle stripe | Dark Red | Adaptable across regions with excellent quality. Expect a vigorous plant with good vine coverage and great flesh firmness with high average Degrees Brix potential. |
| 46153 | | Virtue 139 | 85 | Oval | 16 - 20 | Medium Green Background / Dark Green Stripes | Bright red | Virtue has shown strong early season performance while producing good yields and taste. |
| 46021 | | Yellow Buttercup 139 | 90 | Round/ Oval | 14 - 16 | Dark Green Background / Green Stripes | Bright Yellow | One of the top yellow-fleshed varieties in today's marketplace. Crisp texture and great eating quality. |
| Persona | al Size | | | | | | | |
| 46045 | | Sirius 139 | 74 | Globe | 5.5-6.5 | Crimson Sweet | Red | High-quality, Crimson Sweet striped personal size seedless. Medium thick rind and intermediate resistance to Fusarium wilt race 1. Globe shaped fruit with red flesh and small-medium pip size. Early maturity. |
| Polleniz | zers | | | | | | | |
| 46109 | | Wild Card Plus 139 | | Round / Oval | | Light Green Background / Medium Green Stripes | | Early and extended flowering period that ensures early pollenation availability when triploid hybrid begins flowering. Long, thin internodes radially extend pollen to wherever a female flower is located. |
| 46042 | | Wingman 139 | | Round / Oval | | Light Green | | Wingman aids in pollen availability during the critical flowering of triploid watermelons, and produces small, grey, crushable fruit that is easily distinguishable during harvest. |

| WATERMELON TRIPLOID | | M=1,0 | 000 seeds | | |
|---------------------------|--------------|--------------|-----------|--------|--------|
| Priced per package | 100 Seeds | 500 Seeds | | | |
| Price per 1,000 seeds (M) | | | 1M | 5M | 10M* |
| 46097 Bahama | 80.40 | 321.50 | 549.50 | 542.00 | 537.00 |
| 46049 Dark Knight | 80.65 | 322.55 | 551.30 | 543.80 | 538.80 |
| 46052 El Capitan | 57.75 | 230.90 | 394.70 | 387.20 | 382.20 |
| 46140 Fascination | 59.15 | 236.55 | 404.30 | 396.80 | 391.80 |
| 46155 Golden Crisp | 78.65 | 314.45 | 537.45 | 529.95 | 524.95 |
| 46100 Jet Ski F400 | 46.30 | 185.15 | 316.45 | 308.95 | 303.95 |
| 46026 Joy Ride | 51.85 | 207.30 | 354.30 | 346.80 | 341.80 |
| 46134 Melody | 63.40 | 253.60 | 433.50 | 426.00 | 421.00 |
| 46007 Orange Crisp | 55.45 | 221.70 | 378.95 | 371.45 | 366.45 |
| 46053 Powerhouse | 57.75 | 230.85 | 394.60 | 387.10 | 382.10 |
| 46062 Sandbar | 48.55 | 194.05 | 331.70 | 324.20 | 319.20 |
| 46102 Sweet Dawn | 64.30 | 257.20 | 439.60 | 432.10 | 427.10 |

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| WATERMELON TR | | M=1,0 | 000 seeds | | |
|---|----------------------|--------------|--------------|---------------|--------------|
| Priced per | 100 package Seeds | 500 Seeds | | | |
| Price per 1,000 se | eeds (M) | | 1M | 5M | 10M* |
| 46008 Sweet Gem | 80.65 | 322.55 | 551.30 | 543.80 | 538.80 |
| 46039 Tailgate | 52.95 | 211.70 | 361.80 | 354.30 | 349.30 |
| 46039 Tailgate F400 | 53.15 | 212.45 | 363.15 | 355.65 | 350.65 |
| 46153 Virtue | 62.15 | 248.55 | 424.85 | 417.35 | 412.35 |
| 46021 Yellow Buttercup | 74.10 | 296.40 | 506.65 | 499.15 | 494.15 |
| Personal Size | | | | | |
| 46045 Sirius | 51.75 | 206.95 | 353.70 | 346.20 | 341.20 |
| Pollenizers | | | | | |
| 46109 Wild Card Plus | 43.50 | 173.95 | 297.30 | 289.80 | 284.80 |
| 46042 Wingman | 15.80 | 63.10 | 107.80 | 100.30 | 95.30 |
| *NOTICE WATERMELON GF prior to the shipping of an | | are required | to sign a "W | aiver of Liab | ility" form, |

* Multiple packages may be used to fill orders for these quantities.













| CLOTHING | | | |
|--------------|--|-------------------|--|
| Item # | ltem | Sizes | Features |
| PHAT.KNIT.1 | Rupp Knit Hat | One size fits all | A soft knit hat that features the Rupp logo on the front. It is ready to keep you warm. |
| PJKT.SWT.HD | Rupp Hoodie Sweatshirt | S - 3XL | Charcoal gray pull-over hoodie sweatshirt with the a large Rupp logo on the front. |
| PHAT.MESH.G4 | Rupp Camouflage Mesh Cap | One size fits all | This ballcap features a sloped front and a pre-formed visor. The cap is all camo with a mesh back. Rupp Seeds logo embroidered in hunter orange. |
| PHAT.MESH.G5 | Rupp Khaki & Black Mesh Cap | One size fits all | This mesh back cap features a Rupp logo patch on the front and has our "See What Good Yields®" tagline on the back. |
| | Please allow 3-4 weeks for delivery on c | lothing. | |

| RECOM | RECOMMENDED SIZE CHART | | | | | | | |
|-------|---------------------------|--|--|--|---|---|--|--|
| xs | S | М | L | XL | 2XL | 3XL | | |
| 30-32 | 34-36 | 38-40 | 42-44 | 46-48 | 50-52 | 54-56 | | |
| 2-4 | 6-8 | 10-12 | 14-16 | 18-20 | 22-24 | 26-28 | | |
| Χ | S | M | L | 1 | 2 | 3 | | |
| | xs 30-32 2-4 | xs s 30-32 34-36 2-4 6-8 | XS S M 30-32 34-36 38-40 2-4 6-8 10-12 | XS S M L 30-32 34-36 38-40 42-44 2-4 6-8 10-12 14-16 | XS S M L XL 30-32 34-36 38-40 42-44 46-48 2-4 6-8 10-12 14-16 18-20 | XS S M L XL 2XL 30-32 34-36 38-40 42-44 46-48 50-52 | | |

CLOTHING М 39.40 PJKT.SWT.HD Rupp Hoodie Sweatshirt 39.40 39.40 39.40 42.00 42.00 15.75 PHAT.KNIT.1 Rupp Knit Hat PHAT.MESH.G4 Rupp Camouflage Mesh Cap 15.75 PHAT.MESH.G5 Rupp Khaki & Black Mesh cap 15.75 Prices include shipping. Allow 3-4 weeks for delivery.

| POINT OF SALE | | |
|-----------------------------|-------------------------------|------|
| Seed Packets | Priced per box of 500 packets | Вох |
| VPOS.PACKET.1Z 1 oz seed pa | 63.00 | |
| VPOS.PACKET.4Z 4 oz seed pa | 84.00 | |
| Bin Markers | | |
| VPOS.BINMARK 4 3/4" x 6 3 | /4" Bin Marker - Pack of 25 | 2.65 |

Cash discounts are not available on clothing.

| PLANTER PLATES | | |
|--|--|--------------|
| | Priced per plate | 1 plate |
| B John Deere Plates | | 78.75 |
| C IH Plates | | 78.75 |
| F Filler Ring | | 78.75 |
| Give us a call about your planter plat | e needs. We have a limited supply of b | olank plates |

| PLANTING (| GUIDE | | | | | | | | |
|----------------------------|---------------------|-----------------------|----------------------|-------------------------------|---------------|-----------------|------------|------------------------------------|------------------------|
| ▼ Kind | | Seeding Rate | | | Seed or Plant | Spacing | | | |
| | Seeds per Pound | per Acre by Weight | per Acre in 1000s | Seeds per 1000 foot of Row | In Row | Between Rows | Depth | Recommended Soil Temperature | Days to Germination |
| Asparagus | 12,800 - 16,500 | 7.5 - 11 oz | 6.1 - 11.4 M | 667 - 1,000 | 12 - 18" | 48 - 60" | .8" | 60 - 85°F | 10 - 20 |
| Beans Bush Green | 1,500 - 1,600 | 60.5 - 68 lbs | 90.8 - 108.9 M | 6,000 | 2" | 30 - 36" | .5 - 1" | 65 - 85°F | 8 - 12 |
| Beet | 25,600 - 30,000 | 5.3 - 6.1 lbs | 136.1 - 181.5 M | 6,000 | 2" | 18 - 24" | .5 - 1" | 60 - 85°F | 6 - 10 |
| Broccoli | 80,000 - 128,000 | 2.9 - 3 oz | 15.2 - 22.7 M | 1,000 | 12" | 24 - 36" | .35" | 60 - 75°F | 6 - 10 |
| Brussels Sprouts | 80,000 - 128,000 | 1 - 1.4 oz | 7.6 M | 500 | 24" | 36" | .5 - 1" | 60 - 75°F | 6 - 10 |
| Cabbage | 107,000 - 128,000 | 1.9 - 2.2 oz | 15.2 M | 1,000 | 12" | 36" | .35" | 50 - 60°F | 6 - 10 |
| Cantaloupe | 15,000 - 20,000 | 4 - 4.8 oz | 3.8 - 6.1 M | 500 - 667 | 18 - 24" | 60 - 72" | .5 - 1" | 75 - 85°F | 7 - 12 |
| Carrots | 320,000 - 410,000 | 2 - 2.1 lbs | 653.2 - 871 M | 24,000 | .5" | 15 - 20" | .5" | 50 - 85°F | 8 - 12 |
| Cauliflower | 116,000 - 128,000 | 1.1 - 1.3 oz | 7.6 - 10.1 M | 500 - 667 | 18 - 24" | 36" | .3" | 50 - 77°F | 6 - 10 |
| Celery | 960,000 - 1,417,500 | 0.5 - 0.8 oz | 45.4 M | 2,000 | 6" | 24" | .1" | 65 - 70°F | 21 - 25 |
| Collards | 90,700 - 144,000 | 1.3 - 1.8 oz | 10.1 - 12.1 M | 667 - 800 | 15 - 18" | 36" | .35" | 60 - 75°F | 6 - 10 |
| Cucumber | 16,000 - 18,000 | 0.6 - 1 lbs | 10.1 - 18.2 M | 667 - 1,000 | 12 - 18" | 30 - 36" | .5 - 1" | 60 - 95°F | 7 - 10 |
| Eggplant | 96,000 - 110,000 | 1 - 1 oz | 5.5 - 6.9 M | 600 - 750 | 16 - 20" | 60" | .25" | 85 - 90°F | 10 - 14 |
| Endive | 240,000 - 260,000 | 1.4 - 2.2 oz | 22.7 - 36.3 M | 1,000 - 1,200 | 10 - 12" | 18 - 24" | .5" | 50 - 75°F | 10 - 14 |
| Kale | 124,000 - 136,000 | 1.9 - 2.9 oz | 15.2 - 24.2 M | 667 - 800 | 15 - 18" | 18 - 24" | .255" | 60 - 75°F | 6 - 10 |
| Kohlrabi | 123,000 - 144,000 | 1.9 - 2.7 oz | 15.2 - 24.2 M | 667 - 800 | 15 - 18" | 18 - 24" | .255" | 60 - 75°F | 6 - 10 |
| Leeks | 144,000 - 151,000 | 1.1 - 1.4 lbs | 163.3 - 204.2 M | 6,000 | 2" | 16 - 20" | .5" | 65 - 95°F | 10 - 14 |
| Lettuce | 364,000 - 432,000 | 3 - 3.4 oz | 68.1 - 90.8 M | 3,000 | 4" | 18 - 24" | .35" | 50 - 75°F | 2 - 7 |
| Mustard | 204,000 - 272,000 | 4 - 5.3 oz | 68.1 M | 1,500 | 8" | 12" | .3" | 60 - 75°F | 5 - 8 |
| Okra | 7,800 - 8,000 | 1.1 - 1.3 lbs | 8.7 - 10.1 M | 667 | 18" | 36 - 42" | 1" | 65 - 95°F | 7 - 18 |
| Onion | 106,000 - 144,000 | 1.4 - 1.5 lbs | 163.3 - 204.2 M | 6,000 | 2" | 16 - 20" | .5" | 32 - 85°F | 10 - 14 |
| Parsley | 266,000 - 288,000 | 8.2 - 13.4 oz | 136.1 - 242 M | 3,000 - 4,000 | 3 - 4" | 9 - 12" | .3" | 50 - 86°F | 21 - 25 |
| Parsnips | 87,000 - 120,000 | 1.4 - 1.5 lbs | 121 - 181.5 M | 4,000 | 3" | 12 - 18" | .35" | 32 - 75°F | 18 - 25 |
| Peas | 2,200 - 2,400 | 41.2 - 90.7 lbs | 90.8 - 217.8 M | 6,000 - 12,000 | 1 - 2" | 30 - 36" | 1.5 - 2" | 40 - 86°F | 6 - 10 |
| Pepper Twin row on plastic | 64,000 - 76,000 | 2.2 - 2.6 oz | 9.1 - 12.1 M | 500 - 667 | 18 - 24" | 12" | .35" | 65 - 86°F | 10 - 14 |
| Pumpkin | 3,000 - 3,200 | 0.6 - 1.2 lbs | 1.9 - 3.8 M | 333 - 500 | 24 - 36" | 72 - 96" | .5 - 1" | 70 - 80°F | 7 - 10 |
| Radish | 45,000 - 48,000 | 12.1 - 15.1 lbs | 544.4 - 725.8 M | 12,000 | 1" | 9 - 12" | .58" | 60 - 85°F | 5 - 8 |
| Spinach | 39,000 - 48,000 | 3.7 - 11.3 lbs | 145.2 - 544.4 M | 4,000 - 12,000 | 1 - 3" | 12 - 15" | .5" | 32 - 60°F | 7 - 10 |
| Squash Summer | 2,500 - 6,000 | 1.7 - 1.8 lbs | 4.6 - 10.1 M | 500 - 667 | 18 - 24" | 36 - 60" | .575" | 70 - 80°F | 7 - 10 |
| Squash Winter | 3,000 - 4,000 | 1 - 1.3 lbs | 2.9 - 5.1 M | 500 - 667 | 18 - 24" | 72 - 96" | .575" | 70 - 80°F | 7 - 10 |
| Sweet Corn | 2,700 - 6,000 | 4.5 - 6.7 lbs | 18.2 - 27.3 M | 1,000 - 1,500 | 8 - 12" | 30" | .75 - 1.5" | 60 - 75°F | 7 - 10 |
| Tomato | 140,000 - 165,000 | 0.8 - 0.8 oz | 7.6 M | 667 | 18" | 48" | .255" | 60 - 75°F | 7 - 10 |
| Turnip | 173,000 - 192,000 | 1.4 - 1.6 lbs | 272.2 M | 6,000 | 2" | 12" | .3" | 60 - 75°F | 6 - 10 |
| Watermelon Large | 4,000 - 8,000 | 5.1 - 5.1 oz | 1.3 - 2.6 M | 333 | 36" | 72 - 144" | .5 - 1" | 80 - 95°F | 8 - 12 |
| Watermelon Small | 8,000 - 10,000 | 2.6 - 4 oz | 1.3 - 2.6 M | 333 | 36" | 72 - 144" | .5 - 1" | 80 - 95°F | 8 - 12 |

Seeds will germinate at a wide range of temperatures. However, there is an optimal temperature that will maximize production time. This chart shows the percentage of seedlings produced at various temperatures and the number of days until seedling emergence at each temperature: shown in ().

The numbers in red = the optimal daytime soil temperature for maximum production in the shortest time.

| Crops | 32°F | 41°F | 50°F | 59°F | 68°F | 77°F | 86°F | 95°F | 104°F |
|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| Asparagus | 0 | 0 | 61% (53 d) | 80% (24 d) | 88% (15 d) | 95% (10 d) | 79% (12 d) | 37% (19 d) | 0 |
| Beans, lima | 0 | 0 | 1 | 52% (31 d) | 82% (18 d) | 90% (7 d) | 88% (7 d) | 2 | 0 |
| Beans, snap | 0 | 0 | 1 | 97% (16 d) | 90% (11 d) | 97% (8 d) | 47% (6 d) | 39% (6 d) | 0 |
| Beets | 0 | 53% (42 d) | 72% (17 d) | 88% (10 d) | 90% (6 d) | 97% (5 d) | 89% (5 d) | 35% (5 d) | 0 |
| Cabbage | 0 | 27 | 78% (15 d) | 93% (9 d) | 97% (6 d) | 99% (5 d) | 70% (4 d) | 0 | 0 |
| Carrots | 0 | 48% (51 d) | 93% (17 d) | 95% (10 d) | 96% (7 d) | 96% (6 d) | 95% (6 d) | 74% (9 d) | 0 |
| Cauliflower | 0 | 0 | 58% (20 d) | 60% (10 d) | 62% (6 d) | 63% (5 d) | 45% (5 d) | 0 | 0 |
| Celery | 0 | 72% (41 d) | 70% (16 d) | 40% (12 d) | 97% (7 d) | 65% | 0 | 0 | 0 |
| Cucumber | 0 | 0 | 0 | 95% (13 d) | 99% (6 d) | 99% (4 d) | 99% (3 d) | 99% (3 d) | 49 |
| Eggplant | 0 | 0 | 0 | 0 | 21% (13 d) | 53% (8 d) | 60% (5 d) | 0 | 0 |
| Lettuce | 98% (49 d) | 98% (15 d) | 98% (7 d) | 99% (4 d) | 99% (3 d) | 99% (2 d) | 12% (3 d) | 0 | 0 |
| Muskmelon | 0 | 0 | 0 | 0 | 38% (8 d) | 94% (4 d) | 90% (3 d) | 0 | 0 |
| Okra | 0 | 0 | 0 | 74% (27 d) | 89% (17 d) | 92% (13 d) | 88% (7 d) | 85% (6 d) | 35% (7 d) |
| Onions | 90% (136 d) | 98% (31 d) | 98% (13 d) | 98% (7 d) | 99% (5 d) | 97% (4 d) | 91% (4 d) | 73% (13 d) | 2 |
| Parsley | 0 | 0 | 63% (29 d) | 0% (17 d) | 69% (14 d) | 64% (13 d) | 50% (12 d) | 0 | 0 |
| Parsnips | 82% (172 d) | 87% (57 d) | 79% (27 d) | 85% (19 d) | 89% (14 d) | 77% (15 d) | 51% (32 d) | 1 | 0 |
| Peas | 0 | 89% (36 d) | 94% (14 d) | 93% (9 d) | 93% (8 d) | 94% (6 d) | 86% (6 d) | 0 | 0 |
| Peppers | 0 | 0 | 1 | 70% (25 d) | 96% (13 d) | 98% (8 d) | 95% (8 d) | 70% (9 d) | 0 |
| Radish | 0 | 42% (29 d) | 76% (11 d) | 97% (6 d) | 95% (4 d) | 97% (4 d) | 95% (3 d) | 0 | 0 |
| Spinach | 83% (63 d) | 96% (23 d) | 91% (12 d) | 82% (7 d) | 52% (6 d) | 28% (5 d) | 32% (6 d) | 0 | 0 |
| Sweet Corn | 0 | 0 | 47% (22 d) | 97% (12 d) | 97% (7 d) | 98% (4 d) | 91% (4 d) | 88% (3 d) | 10 |
| Tomatoes | 0 | 0 | 82% (43 d) | 98% (14 d) | 98% (8 d) | 97% (6 d) | 83% (6 d) | 46% (9 d) | 0 |
| Turnips | 1 | 14 | 79% (5 d) | 98% (3 d) | 99% (2 d) | 100% (1 d) | 99% (1 d) | 99% (1 d) | 88% (3 d) |
| Watermelon | 0 | 0 | 0 | 17 | 94% (12 d) | 90% (5 d) | 92% (4 d) | 96% (3 d) | 0 |

^{*}The above data was taken from a report published in the mid-1980's. Author, affiliation, and publisher are not known.

^{**} The above table was derived from experimental data. Certain logical inconsistencies exist due to crop failure or to bad batches of seed. They do not interfere with the overall interpretation.



THE IMPORTANCE OF SOIL TESTING

Soil testing is an essential part of growing healthy vegetables. A soil test can provide information about the nutrient levels and pH of your soil. This can help determine what amendments are needed to create optimal growing conditions.

Soil testing is important for a number of reasons. First, it helps to ensure that your plants are getting the needed nutrients and in the correct amounts. Different plants require different nutrients in different amounts. It's important to know what nutrients are available in your soil so you can supplement the soil accordingly.

Second, testing can help identify any potential concerns with your soil. For example, a soil test could reveal problems with your soil's pH, salinity, or detect other concerns that could impact plant growth. By identifying these problems early on, you can take action to give your vegetables the best opportunity to thrive.

Third, soil testing can help to improve the quality of your vegetables. Plants that are grown in nutrient-rich soil are more likely to be healthy and productive. Healthy plants are also more resistant to pests and diseases.

To test your vegetable soil, collect a sample from your field and submit it to a local county extension office or a private soil testing laboratory. It is our recommendation that you do not use a home test as the results may not be as thorough as a soil test sent to the extension office or private laboratory.

Once you have your soil test results, use them to develop a fertilization plan for your vegetables. Your local county extension office may be able to help with this.

$\underline{www.ruppseeds.com/PSUSoil}$

Penn State University offers soil test recommendations





Letter of Guarantee

To whom it may concern,

Rupp Seeds Incorporated was founded in 1946 and is a family-owned business now in its third generation of family management.

Rupp Seeds is an active member of the American Seed Trade Association (ASTA) (www.betterseed.org), Independent Professional Seed Association (IPSA) (ipseed.org) and Ohio Seed Improvement Association (OSIA) (www.ohseed.org).

Involvement in these organizations ensures that we stay abreast of best practices in managing seed and variety quality throughout production and processing in a manner that meets and exceeds industry standards.

Rupp Seeds is an authorized seed dealer for many of the leading vegetable seed breeders and producers. Rupp Seeds and its seed suppliers employ Good Agricultural Practices in the production of commercial seed lots and every effort is made to minimize microbial contamination during production and processing. Seeds sold to Buyer are of adequate quality for use in raising a crop.

Rupp Seeds has contracted with a third party to manage pest control in its seed storage and processing facilities.

This is a continuing guarantee, subject to revocation only on written notice to Buyer.

| the | October 1, 2025 |
|--------------------------|-----------------|
| Philip Rupp President | |



United States Department of Agriculture

This is to verify that

Rupp Seeds, Inc.

Pettisville, Ohio

has successfully met USDA's acceptance criteria of the voluntary

USDA Good Agricultural Practices Audit

House Packing Facility, Storage and Transportation

Various Fruits and Vegetables, Various Seeds

Chief, Audit Services Branch

9/9/2025

Audit ID: 54266

Audits are valid for one year from date on certificate. To verify continued adherence to the program, please visit www.ams.usda.gov/gapghp



NOTICE TO BUYERS

VARIETY DESCRIPTIONS

Variety descriptions and images presented in this catalog serve as a guideline only. They are provided for comparison purposes to help you plan your crop program and can be expected to vary to some degree depending upon location, soil type, environmental conditions, crop management practices, pest or pathogen presence, and other uncontrollable factors that may affect the expected performance. Descriptions in the catalog are the result of favorable growing conditions and identical results are not guaranteed.

Statements regarding a variety's response to a specific pest, pathogen, or stress are based on evaluation under select conditions. These reactions can be affected by the factors mentioned above, as well as new pathogen races, pest types or vectors for disease. Therefore, we give no warranty, express or implied, for crop performance relative to the information given; nor do we accept any liability for any loss, direct or consequential, that may arise from any cause. Read all seed package labeling carefully as it contains terms and conditions of sale.

LIMITATION OF WARRANTY AND LIABILITY

Rupp Seeds, Inc. ("Rupp Seeds") warrants that a representative sample of seed in this container (collectively "Seed") was tested and labeled at the time of initial packaging (or thereafter as indicated) and, at the time of such testing, conformed to the label description within recognized tolerances.

Disclaimer of Warranties: Rupp Seeds makes NO other warranty of any kind. THIS EXPRESS WARRANTY EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION HEREON. Rupp Seeds makes NO warranty that the Seed is free of seedborne diseases, including but not limited to bacterial fruit blotch, or free of genetically modified organisms. All risks of nonperformance, reduced performance, or crop damage are assumed by User. As permitted by law, the Seed is sold "As Is."

Acceptance of Terms: Any person who buys, receives, opens the package or uses the Seed (collectively the "User") accepts and agrees to this Limitation of Warranty and Liability between User and Rupp Seeds. If User did not purchase the Seed directly from Rupp Seeds, User agrees that Rupp Seeds is a third-party beneficiary and is entitled to enforce this Agreement as if it had been entered into between User and Rupp Seeds. User agrees to accept full responsibility for the performance of the Seed and crop. IF USER DOES NOT ACCEPT THESE TERMS, USER MUST RETURN THE SEED IN THE UNOPENED CONTAINERS TO THE PLACE OF PURCHASE FOR A FULL REFUND WITHIN 30 DAYS OF RECEIPT.

Notice, Waiver and Indemnification Regarding Untreated Seed: Rupp Seeds may apply fungicide and/or insecticide treatments and/or biological seed enhancements to the Seed in an attempt to reduce the loss of plant stand or failure to establish a plant stand due to micro-organisms and insect attack during germination and plant establishment. Rupp Seeds does not warrant that any treatment will be effective. While Rupp Seeds will provide customers with untreated seed at their request, Rupp Seeds does not accept any liability for failure of such untreated seed to establish a stand. User acknowledges the risks associated with untreated seed, including when such seed is planted directly into field soil. User knowingly and voluntarily releases and waives any and all claims related to untreated seed against Rupp Seeds.

User will communicate the risks of use of untreated seed prior to User's sale or transfer of the Seed and will execute the same or similar agreement with any third party. USER WILL INDEMNIFY, DEFEND AND HOLD RUPP SEEDS HARMLESS FROM ANY AND ALL CLAIMS BY THIRD PARTIES ARISING FROM THE PERFORMANCE OF UNTREATED SEED.

Exclusive Remedy: User's Exclusive Remedy and Rupp Seeds' sole liability for any claim or loss, including, without limitation, claims resulting from breach of warranty, breach of contract, tort, fiduciary

obligation, strict liability, or negligence resulting from the use of the Seed is limited to a refund of the price paid for the Seed and will not include incidental, consequential, or exemplary damages, such as loss of yield or lost profits. User agrees that Rupp Seeds' refund of the price paid for the Seed will not cause this Agreement to fail of its essential purpose. Allocation of risk between Rupp Seeds and User is reflected in the purchase price.

Immediate Notice: User must give Rupp Seeds immediate notice (no later than 15 days upon discovery) when User believes a Breach of Warranty exists, and User will fully cooperate with Rupp Seeds in any investigation.

Notice of Required Arbitration/Conciliation/Mediation Required by Various States: Under the seed laws of many states, arbitration, conciliation or mediation is required as a prerequisite to maintaining a legal action based upon the failure of seed to which this notice is attached to produce as represented. The User must file a complaint (sworn in some states) along with the required filing fee (where applicable) with the Commissioner or Secretary of Agriculture of the State within such time as to permit inspection of the crops, plants, or trees by the designated agency and the seedsmen from whom the seed was purchased. A copy of the complaint must be sent to Rupp Seeds by certified or registered mail, or as otherwise provided by statute in such State.

Technical Advice: Any technical advice regarding the use of the Seed by Rupp Seeds or any representative shall be with no warranty of results and Rupp Seeds expressly disclaims any warranty and liability for any technical advice or recommendation.

Product Data Limitations: Product data and ratings are based on averages of results from various test locations. They are a summary of past results and not a prediction of future performance. Performance will vary depending on the actual environment, pathogen strain and management conditions in your field. Product data and ratings are the result of favorable growing conditions and identical results are not guaranteed, and Rupp Seeds make no warranty regarding the performance of the Seed in the User's field.

Use Restriction: The Seed is owned by, or licensed to, Rupp Seeds and Rupp Seeds strictly limits the sale and possession of the Seed to a grant to User of a non-exclusive right to use the Seed for the sole purpose of growing a single crop of plant parts for sale or use as a vegetable product. User shall not export, reproduce, multiply or breed the Seed, and shall not genetically analyze or manipulate in any way the Seed for any plants or plant parts produced from the Seed. User shall include this Agreement with any transfer of the Seed.

Jurisdiction and Venue: This Agreement is governed by and shall be construed in accordance with the laws of the State of Ohio. User agrees that all disputes arising out of or in connection with this Agreement must be resolved by a Court of competent jurisdiction in the County of Fulton, State of Ohio. User irrevocably submits to the exclusive jurisdiction of such Court for the purpose of litigating any and all such claims or disputes.

Severability: If any term of this Agreement is held to be unenforceable, all remaining terms will remain in effect and will be fully enforceable.

Entire Agreement: This Agreement is the entire Agreement between Rupp Seeds and User regarding warranties, liabilities and limitations on warranties and liabilities.

TERMS AND PAYMENT INFORMATION

PAYING FOR YOUR ORDER

We accept payment via credit or debit card, and check. Open account terms and financing are available for qualifying customers. Cash discounts are available for select payment methods and products.

Credit Card

We accept the following credit cards: Discover, MasterCard, or VISA. Please indicate which card you wish to use and furnish a complete card number, expiration date, 3-digit verification code, name on card, and billing address of the account holder. Your credit card will not be charged until your order is shipped. Credit card payments are not eligible for cash discounts.

Check

We accept business or personal checks, money orders, and cashier's checks, which are eligible for payment discounts. Please refer to the Cash Discount Program for details.

If paying by check (*please write "US Funds" on the check*), allow 10 days for your check to clear the bank before your seed will be shipped.

A fee of \$25.00 will be charged for any check returned by the bank.

Open Accounts

Open account terms are available to qualifying customers. To establish credit terms, a customer must have a minimum of \$1000 in seed purchases, and a Rupp credit application must be completed, submitted for review, and approved by our credit department. Please allow several weeks to process.

Payments on open account invoices are eligible for cash discounts. Please refer to the Cash Discount Program for details.

Invoice Terms

Payment in full is expected on or before the due date indicated on the invoice, not from the statement date.

Past due invoices will be charged a finance charge of 1.5% per month on the past due amount.

Any fees or legal expenses incurred in collecting unpaid accounts will be charged to the account to the extent permitted by law.

CASH DISCOUNT PROGRAM

Rupp Seeds offers a cash discount program as an incentive for timely payment of your seed order or invoice. Savings are automatically applied, and total savings are based on the amount paid and the postmark date on your envelope. Cash discounts are available for orders over \$350.00.

Use the following table to determine your discount rate for the month in which you are sending payment.

| August 10.0% | January 5.0% |
|----------------|---------------|
| September 9.0% | February 4.0% |
| October 8.0% | March 3.0% |
| November 7.0% | April2.0% |
| December 6.0% | |

Our cash discount program can be applied in the following situations:

- A) Prepay on account Make a payment on your account as prepayment for your expected purchases in the coming season.
 - a) To calculate the value of a prepayment, divide the amount of the payment by the difference between 100% (1) and the discount percentage for the month of your payment. Using November 7% as an example, a \$1,000 payment is divided by .93 and the total purchase value of that payment is \$1,075.27.
- B) Pay with order After you prepare and total your order, simply calculate and subtract the discount amount based on the month of payment and send a check for the balance.
- C) Pay upon receipt of order acknowledgment You can also receive a cash discount for a payment made after receipt of your order acknowledgment. Payment can occur at any time before your seed is shipped.

Please note the following details about cash discounts:

Cash discounts are only available on vegetable seeds. Cash discounts are not available for non-seed items including seed treatments, clothing, accessories, planter plates, popping corn, supplies, freight charges, etc.

Cash discounts are not available on orders less than \$350 or for credit card, debit card, and COD.

5 WAYS to ORDER*

* Use only a **single method** to order. (Example: If mailing order, don't place order online.)

PHONE:

1-800-700-1199 (M-F 8:00 am - 5:00 pm EST)

ONLINE:

www.ruppseeds.com

FAX: 419-337-5491

MAIL:

Rupp Seeds 17919 County Road B Wauseon, OH 43567

EMAIL:

orders@ruppseeds.com

HOW TO ORDER

- Print clearly. Please correct any errors in your name and/or address and phone number. Be sure to provide both your billing address and your physical (911) address (where seed should be shipped) and phone number. If you have moved since your last order, please check mark the box for change of address and include your old address as well.
- For each item ordered, print the item number, quantity, package size (ex. 1/4lb. etc.), name of item and price for quantity ordered.
- Shipping and handling charge applies to each shipping address for orders under \$350.00.
- If the order is to be shipped to a different address, please indicate the name and address.
- Please include any required waivers or licensing information with your order.
- Please send check, money order, VISA, Mastercard, or Discover for payment. Do NOT send cash.
- To avoid delay in delivery, we advise ordering early. Our peak season runs from February through April. During this time orders received may take longer to be processed and shipped.

ORDERING INFORMATION

The majority of our seeds are **treated**. Items that are available untreated are indicated in the price tables with a 'U' at the end of the item number. Please be sure to include the 'U' when filling out your order form, if you desire untreated seed.

In case of either partial or total crop failure, we reserve the right to prorate delivery.

Prices are in US dollars. Prices are subject to change without notice.

Products are sold by the package size. For example: if you are ordering 7 pounds of sweet corn, you will need to order one - 5 pound package and two - 1 pound packages. These package sizes will be at different price breaks.

PAYING FOR YOUR ORDER

We accept payment via credit or debit card, check, and wire transfer. Open account terms and financing are available for qualifying customers. Payment discounts are available for select payment methods and products. See page 130 for more details on cash discounts and financing options.

Cash Discounts! on orders over \$350.00 see page 130 for details

Free Shipping!

SHIPMENT OF YOUR ORDER

All orders will be shipped after payment has been received. If you are paying by check, please allow 7-10 business days for your check to clear.

A \$15.00 shipping and handling charge will be added to all orders less than \$350.

Our preferred and standard method of shipping is UPS Ground.

We reserve the right to ship your order via the most economical carrier, so in addition to UPS we also utilize our own delivery trucks, truck line and the US Postal Service.

PICKING UP YOUR ORDER

If you would like to pick up your order, we require 24 hour advanced notice.

ON RECEIPT OF YOUR ORDER:

INSPECT YOUR SHIPMENT

Please review the packing slip and contents upon receipt to confirm you have everything you need before planting time.

DAMAGED SHIPMENTS

A small percent of shipments may get damaged during transit. If you receive a damaged shipment, please be prepared to take action so you can receive proper credit or replacement. Our Customer Service department will file a claim with the shipping company and will need some information from you.

Here are guidelines to keep in mind and actions you should take to help expedite a claim.

- Take time when unloading. Count the packages and pieces received and look for any damaged shipping containers and packages.
- Tell the driver to note any shortage or damage on all copies of the freight bill, take pictures, and to sign their full name clearly.
- Immediately contact our office at 800-700-1199 and fax a copy of the freight bill along with a description of the damage, along with any pictures of other documents to 419-337-5491, or email it to us at orders@ruppseeds.com or mail it to us within 10 days.
- Include a note identifying the name and quantity of each variety that is missing or damaged.

RETURNS

Rupp Seeds has no control over the handling and care of the seed once it leaves our warehouse. In order to ensure quality seed for all of our customers, *we will not accept any seed returns* except in situations where an error has been made in fulfilling your order. In the event of an error, contact our office within 15 days of receipt of the order to obtain approval for the return.

Ordering Information © Copyright 2025 | Rupp Seeds Inc.



Rupp Seeds Inc. 17919 County Road B Wauseon, Ohio 43567

CanadianVegetable Order Form

Online Orders: www.ruppseeds.com

Phone Orders: 1-800-700-1199 | FAX Orders: 419-337-5491

| | | \square Yes, I am a fi | rst-time customer | Technology L | icense Number | | | | |
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| Credit Card Discover, Maste | rcard, Visa | | | | | | Date Month Year | | 3-digit |
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| 03224 | Eden RMN / Co | | 1 | 2.5M | | 05 | | 37 | 63 |
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| - | sizes will be at differe | package and one - 5 pound po ent price breaks. | аскаде. | | on orders over \$350.00 |) | Total (Back) | | |
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NOTICE TO BUYERS

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Rupp Seeds Inc. 17919 County Road B Wauseon, Ohio 43567

CanadianVegetable Order Form

Online Orders: www.ruppseeds.com

Phone Orders: 1-800-700-1199 | FAX Orders: 419-337-5491

| | | ☐ Yes, I am a fi | irst-time customer | Technology | License Number | | | | | |
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| eligible for cash dis | scounts. | Signature | | | | | | | | |
| | | | | | Sorry, | no retu | ırns — please only or | der the seed yo | u need. | |
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| 1 | o order one - 1 pound e sizes will be at differ | package and one - 5 pound partent price breaks. | ackage. | | on orders |) | Total (Back) | | | |
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GST Number

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| Item No. | Variety Description / Kind | Quantity | Package Size | Price per LB/ Price per M | Price per package | Extended Price |
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Rupp Seeds Inc. 17919 County Road B Wauseon, Ohio 43567

Watermelon Waiver

FAX 419.337.5491

waivers@ruppseeds.com

NOTICE, WAIVER and COMPLETE RELEASE AGREEMENT

Bacterial Fruit Blotch (BFB) and Gummy Stem Blight (GSB) are serious diseases that have become significant risk factors in many areas where watermelons are grown. The Pathogens causing these diseases (Acidovorax avenae subsp. citrulli for BFB and Didymella bryoniae for GSB), and other watermelon diseases, can be introduced into a field by infested seed, infected transplants, volunteer watermelons, mechanical means, or natural spread from alternate hosts, or may already be present in the field on crop debris or in the soil. While it is impossible to conduct testing procedures that will give 100% reliable results with regard to the identification of any seedborne pathogen, Rupp Seeds' suppliers test all of their watermelon seed lots for commercial sale.

Depending on the supplier, a representative sample of seeds from each watermelon seed lot has been tested pursuant to current industry standards, and no symptoms of these Pathogens were found to be present within the known limits of detection in the sample tested. Rupp Seeds understands that its suppliers have tested representative samples of all watermelon seed lots covered by this agreement and have not detected the presence of the Pathogens in any such representative samples. Notwithstanding the above, Rupp Seeds cannot and does not guarantee or warrant that such tests are totally conclusive nor that the seeds are free of the Pathogens and, further, cannot and does not guarantee or warrant that the Pathogens may not be introduced to such seeds and/or watermelon plants from outside sources at a later time.

GROWER'S RELEASE OF ALL LIABILITY FOR BACTERIAL FRUIT BLOTCH.

Acknowledging the above, Grower still wishes to purchase watermelon seeds, and Grower is willing to assume all risks of loss associated with these Pathogens. Accordingly, Grower hereby fully and unconditionally releases Rupp Seeds and its suppliers from any and all liability with respect to the presence of the Pathogens on or within such seeds, or the vulnerability of such seeds, to the Pathogens. Grower acknowledges and agrees that Rupp Seeds and its suppliers shall have no responsibility or liability for any losses or damages relating in any way to the Pathogens under any legal theory including. but not limited to, negligence, breach of warranty, breach of contract, or strict products liability.

Rupp Seeds acknowledges that all other aspects of its express warranty, as contained on the label, do apply, and that any waiver or limitation on the Rupp Seeds express warranty resulting from the terms and conditions of this Agreement, only apply to the presence on or within, or vulnerability of such seeds, to the Pathogens. Grower further agrees that Rupp Seeds and its suppliers also have no liability or responsibility for its watermelon seeds or plants grown therefrom if they are contaminated with the Pathogens after the seeds are delivered to Grower. Grower acknowledges that contamination may occur in a transplant house, in the field, or under circumstances beyond the control of Rupp Seeds and for which Rupp Seeds is not liable to Grower.

GROWER'S SOLE AND EXCLUSIVE REMEDY FOR ANY CLAIM WITH RESPECT TO THE SALE OF SEEDS IS LIMITED IN ALL EVENTS TO A REFUND OF THE PURCHASE PRICE OF THE SEEDS. Grower shall not be entitled to any incidental or consequential damages, including planting or replanting costs, lost profits, or any other expenses, losses or damages. Notice of any claim must be received by Rupp Seeds by registered mail within thirty (30) days after the alleged defect in the seeds becomes apparent to Grower.

GROWER'S AGREEMENT NOT TO RESELL SEEDS OR PLANTS.

In consideration for Rupp Seeds or its suppliers agreeing to sell watermelon seeds to Grower, Grower hereby agrees that it/he/she will only use such seeds for plantings on its/his/her own holdings, and will not, under any circumstances, sell, transfer, distribute or in any way dispose of any such seeds or seedlings grown from the seeds, with or without consideration, to any third party.

GROWER'S INDEMNIFICATION AGREEMENT.

Grower acknowledges that in the event it/he/she breaches the terms and conditions of the fourth paragraph of this Agreement with respect to the distribution of such watermelon seeds to a third party, Rupp Seeds and their suppliers could incur liability to such third parties. Therefore, Grower hereby unconditionally agrees to defend and indemnify Rupp Seeds and any of its suppliers, from any and all loss, liability, or damage which Rupp Seeds and any of its suppliers, may incur, including, but not limited to reasonable attorney's fees, relating to any claim by a third party who received any portion of the watermelon seeds which are covered by this Agreement as sold by Rupp Seeds to Grower.

ADDITIONAL NOTICE regarding TRIPLOID HYBRID WATERMELON.

Triploid hybrid watermelons are sterile hybrids which characteristically produce fruits with few or no true seeds. Because the absence, or relative absence, of hard or true seeds in the flesh of the melon is its chief distinguishing characteristic, the triploid hybrid watermelon is often referred to as a "seedless" watermelon. Despite this popular perception, triploid hybrid watermelons are not true "seedless" watermelons. The first melons to ripen in a field of triploid hybrid watermelons often contain small, undeveloped seeds. In addition, certain genetic, cultural and climatic factors are known to cause the formation of empty seed coats (small, white, undeveloped seeds), also called "pips", and/or hard seeds in the flesh of the melons. Due to the wide variety of possible causes of hard seed formation, TRIPLOID HYBRID WATERMELONS ARE NOT GUARANTEED TO PRODUCE SEEDLESS FRUIT.

GROWER UNDERSTANDS THIS AGREEMENT.

Grower represents and warrants that it/he/she has consulted with or had an opportunity to consult with an attorney, and that Grower fully understands the meaning and legal effect of this Agreement.

Continued on the back side.

ALL OTHER TERMS OF THE LABEL APPLY.

Except as expressly provided within this Agreement, all remaining terms, disclaimers, limitations, and conditions of purchase as disclosed and set forth on the Rupp Seeds label and on the Rupp Seeds Notice to Purchase Regarding Liability shall apply to the Grower's purchases of watermelon seed.

CHOICE OF LAW AND CHOICE OF FORUM.

The parties agree that this Agreement is entered into the County of the applicable Rupp Seeds supplier and shall be construed in accordance with the laws of that state. It is further agreed that any litigation by and between Grower and Rupp Seeds, or with a Rupp Seeds supplier, relating to the sale of all such watermelon seeds hereunder, shall take place in the county of the applicable Rupp Seeds supplier.

ATTORNEY'S FEES.

In the event that Rupp Seeds or its supplier enforces any terms of this agreement in any litigation with Grower, Rupp Seeds and its supplier shall be entitled to recover reasonable attorney's fees from Grower.

SEVERABILITY.

The invalidity or unenforceability of any particular provision of this Agreement shall not affect the other provisions hereof, and the Agreement shall be construed in all respects as if such invalid or unenforceable provisions was omitted. Grower has read the above Notice, Waiver, and Complete Release Agreement, understands it, and agrees to be bound by all of its terms. Grower understands this Agreement is part of the contract and a condition of sale, and that no shipment from will occur until Rupp Seeds receives this signed notice.

Rupp Seeds Inc. Signature Date I have read and understand this release agreement and I agree to be bound by all of its terms. Please fill out completely and sign below. Customer Number Customer Name Address 1 Address 2 City Province Postal Code Phone # Fax # Printed Name Title

Watermelon Waiver (2) © Copyright 2025 | Rupp Seeds Inc.



Release Agreement – Gold Dust

For seed below Rupp quality standards

We are informing you that <u>Gold Dust pumpkin</u>, lot number <u>PCH1518</u> (herein Seed) is below Rupp Seeds (herein Rupp) quality standards, in that it contains offtypes and may produce up to 15% fruit that vary in shape, color and size. Rupp is offering the Seed at a 15% discount.

By signing this agreement, the Customer understands the Seed is below standard, agrees to purchase the Seed and understands the Seed is not returnable. The Customer further agrees to release Rupp of any and all claims or liability arising from the use of the Seed, and to indemnify and hold harmless Rupp from any claims by third parties arising out of the planting of the Seed.

| | CUSTOMER |
|------------------------|----------|
| Signature: | |
| Printed: | |
| Date: | |
| Farm/Business Name: | |
| Address: | |
| | |
| Phone: | |







ATTRIBUTE STEWARDSHIP AGREEMENT

| Section A GROWER INFORMATION – Complete This Section – PLEASE PRINT CLEARLY | YOU, THE UNDERSIGNED GROWER, HEREBY ACKNOWLEDGE AND AGREE THAT: (1) YOU HAVE READ, UNDERSTAND, AND AGREE TO |
|---|---|
| Grower Name (Last, First, MI) | THE TERMS AND CONDITIONS OF THIS AGREEMENT INCLUDING BUT NOT LIMITED TO THE GROWER'S LIMITED USE LICENSE(S) AND |
| Farming or "Doing Business As" (d/b/a/ Name): | GROWER RESPONSIBILITIES SECTIONS; (2) THIS IS A LEGALLY BINDING CONTRACT; (3) YOU ARE FULLY AUTHORIZED TO ENTER INTO THIS STEWARDSHIP AGREEMENT; AND (4) YOU ARE |
| Address: | VOLUNTARILY ENTERING INTO THIS STEWARDSHIP AGREEMENT. |
| City: Zip Code: | |
| Business Phone:County: | |
| E-mail Address: | Crowney Signature Date |
| (CANADA Only) Dealer Name: | Grower Signature Date (Individual at farm level responsible for planting) |
| Return Agreement using one of the following methods – please keep a copy for your records: | |
| · | Grower Name (Please Print Clearly) |
| Mail: Rupp Seeds 17919 County Road B Wauseon, OH 43567 Email: waivers@ruppseeds.com Fax: 1-419-337-5491 | Thank you for choosing one or more of the Licensed Technologies. If you have any questions regarding the Licensed Technologies, please call 1-866-796-4368. For questions regarding this Agreement, please call: 1-877-GRO-CORN (1-877-476-2676). |
| DO NOT CUT - PLEASE SEND ENTIRE PAGE | |

This Stewardship Agreement ("Stewardship Agreement") is entered into between you ("Grower") and Syngenta Seeds, LLC ("Syngenta"). By signing and returning this Stewardship Agreement without modification (other than Section A above), Syngenta grants Grower a limited license to use the proprietary technology Bt11 and/or the Bt11 x MIR162 x GA21 stack (each, a "Licensed Technology") embedded in Syngenta's sweet corn seed product or in any seed product distributed by a third party Syngenta-licensee (collectively, "Seed Product"). Any proposed changes to this Stewardship Agreement other than in Section A are hereby rejected by Syngenta and shall have no effect unless approved in writing by Syngenta.

STEWARDSHIP

Grower acknowledges receipt of the applicable Attribute® Grower Guide ("Crop Guide") which is incorporated herein by this reference and may be updated from time to time and found at http://www.syngenta-us.com/seeds/vegetables/commercial-sweet-corn. Grower agrees to periodically check the website for the current Crop Guide and to read and comply with the then current Crop Guide. If Grower uses any Licensed Technology after Syngenta's release of a new version of the Crop Guide or Stewardship Agreement then Growers use shall be deemed an acknowledgement of receipt and agreement to comply with the then current: (i) Crop Guide, (ii) Stewardship Agreement, and (iii) the terms and conditions on the Seed Product packaging (collectively, the "Agreement"). The collective Agreement constitutes the entire agreement between Grower and Syngenta regarding the purchase and/or use of Licensed Technology and supersedes any other terms and conditions whether express or implied.

GROWER'S LIMITED USE LICENSE(S). Grower agrees that the Licensed Technology is protected under one or more U.S. patents (the "Patents"). Once this Stewardship Agreement is signed by the Grower then the Grower is granted the limited right, under the applicable Patents, to purchase and plant sweet corn Seed Products containing the Licensed Technology in the United States or Canada (the "Territory") but strictly according to the terms of the entire Agreement. Grower agrees that any Seed Product acquired in the Territory shall only be planted in the Territory. Further, Grower agrees not to plant Seed Product in the Territory which was acquired outside of the Territory.

GROWER RESPONSIBILITIES. Grower shall: (a) use Seed Products solely for planting a single commercial crop of fresh produce, forage or grain for food, feeding or processing; (b) not supply, transfer, resell, license or sublicense any Seed Products to any other person or entity for planting or any other purpose; (c) not to save any crop produced from Seed Products for planting by Grower or any other person or entity; (d) abide by the terms of the entire Agreement, as it may be updated from time to time as described above; (e) report to Syngenta the number of acres and the location (county and state) where the Seed Product is planted within 45 days of planting; (f) communicate all applicable stewardship requirements and obligations to any of its employees and agents with respect to handling of or work involving Seed Products and/or the crop produced from Seed Products, and monitor such employees' and agents' compliance with Grower's responsibilities under the entire Agreement; and (g) not use or allow others to use Seed Products, the crop produced from Seed Products, the Licensed Technology or any plant material containing the Licensed Technology for: (i) crop breeding, (ii) research (including, without limitation, agronomic testing or generation of cooperative data against sweet corn seed not containing the Licensed Technology), (iii) generation of registration data or production of Seed Product (unless Grower has entered into a valid, written production agreement with a licensed seed company expressly authorizing one of more of these actions).

TERM AND TERMINATION. This Stewardship Agreement, once signed by Grower and accepted by Syngenta, will remain in effect until terminated by Grower or Syngenta. This Stewardship Agreement may be terminated by either party at any time for any reason by sending written notice of termination to the other party at the address for such party specified above. In the case of termination of this Stewardship Agreement by Grower, such notice of termination must include Grower's full name and address and Grower must immediately cease using any Licensed Technology. Further, Syngenta may terminate this Agreement for failure of Grower to fully comply with the Grower Responsibilities described above. If Grower violates any terms of this Stewardship Agreement, in addition to other remedies available to Syngenta and any owner of the Patents listed above, Grower may forfeit any right to obtain a license to the Licensed Technology in the future. If this Stewardship Agreement is terminated then Grower will no longer have a right to purchase or use Seed Products, but, Grower's obligations (including but not limited to the above Grower Responsibilities) and Syngenta's rights that arose under the Agreement prior to termination shall remain in effect.

LIMITATIONS OF WARRANTIES AND REMEDIES. Grower agrees that the Limitations of Warranties and Remedies expressly stated on the Seed Product packaging shall be incorporated in this section as if set forth in full.

GENERAL PROVISIONS

- This Stewardship Agreement and the parties' relationship shall be governed by the laws of the state of Minnesota and the United States (other than the choice of laws rules).
- Grower's rights may not be transferred to any other person or entity without the prior written consent

Attributeois a trademark of a Syngenta Group Company

Syngenta Seeds, LLC P.O. Box 959, Minneapolis, MN 55440

v.04282021

REMEDY SWEET CORN - SUPPLEMENTAL AGREEMENT

| Section A GROWER INFORMATION – Complete This Section - PLEASE PRINT CLEARLY | |
|--|---|
| GROWER IN ORIGINATION - COMplete This Section - FLEASE FRINT CLEARET | YOU, THE UNDERSIGNED GROWER, HEREBY ACKNOWLEDGE AND AGREE THAT: (1) YOU HAVE READ, UNDERSTAND, AND AGREE TO THE TERMS AND CONDITIONS OF |
| Grower Name (Last, First, MI) | THIS SUPPLEMENTAL AGREEMENT; (2) THIS IS A LEGALLY BINDING CONTRACT; (3) |
| | YOU ARE FULLY AUTHORIZED TO ENTER INTO THIS SUPPLEMENTAL AGREEMENT; AND (4) YOU ARE VOLUNTARILY ENTERING INTO THIS SUPPLEMENTAL AGREEMENT. |
| Farming or "Doing Business As" (d/b/a/ Name): | |
| | Grower Signature Date |
| Address: | (individual at farm level responsible for planting) |
| City: State: Zip Code: | |
| Business Phone: County: | Grower Name (Please Print Clearly) |
| E-mail Address: | Thank you for choosing one or more of the Licensed Technology. Return this Supplemental |
| Customer ID #: (Assigned by Syngenta) Technology #:(Assigned by Syngenta) | Agreement to the address shown below. If you have any questions regarding the Licensed this Supplemental Agreement please call: 1-800-700-1199. |
| Dealer Name: Rupp Seeds | Please return the agreement back to your Dealer at: |
| Dealer Number:(Office Use Only) | Fax: 419-337-5491 |
| Dealer Phone: 1-800-700-1199 | Mail: Rupp Seeds, Inc. 17919 County Road B Wauseon, OH 43567 Email: waivers@ruppseeds.com |
| Third Party Syngenta-Licensee:(Office Use Only) | тапоновидероссии |

This Supplemental Agreement ("Supplemental Agreement") is entered into between you ("Grower") and Syngenta Seeds, LLC ("Syngenta") and supplements the terms and conditions of your Stewardship Agreement with Syngenta (by its predecessor-in-interest, Syngenta Seeds, Inc.). By signing and returning this Supplemental Agreement without modification (other than Section A above) and pursuant to the terms of this Supplemental Agreement and the Stewardship Agreement, Syngenta grants Grower a limited license to use the proprietary technology Bt11 x MIR162 x GA21 stack (the "Licensed Technology") embedded in Syngenta's "Remedy" sweet corn seed product or in any seed product distributed by a third party Syngenta-licensee (collectively, "Seed Product"). Any proposed changes to this Supplemental Agreement other than in Section A are hereby rejected by Syngenta and shall have no effect unless approved in writing by Syngenta.

TERM AND TERMINATION. This Supplemental Agreement, once signed by Grower and accepted by Syngenta, will remain in effect until either terminated by Grower or Syngenta, or will terminated automatically upon the termination of your Stewardship Agreement. This Supplemental Agreement may be terminated by either party at any time for any reason by sending written notice of termination to the other party at the address for such party specified herein. In the case of termination of this Supplemental Agreement by Grower, such notice of termination must include Grower's full name and address. If Grower violates any terms of this Supplemental Agreement and/or Grower's Stewardship Agreement, in addition to other remedies available to Syngenta and any owner of the Patents (as defined in the Stewardship Agreement), Grower may forfeit any right to obtain a license to the Licensed Technology in the future. If this Supplemental Agreement is terminated then Grower will no longer have a right to purchase or use Seed Product, but, Grower's obligations (including but not limited to the Grower Responsibilities as set forth in the Stewardship Agreement) and Syngenta's rights that arose under the Stewardship Agreement and this Supplemental Agreement prior to termination shall remain in effect.

ACKNOWLEDGEMENT; LIMITATION OF WARRANTIES AND REMEDIES. Grower acknowledges and understands that Grower has been informed that under certain stress conditions, Remedy sweet corn may exhibit tassels and or glumes (male parts) growing out of the ear (female part) (the "Notice"). By its signature on this Supplemental Agreement, Grower acknowledges and agrees:

- Grower has been duly informed of the Notice;
- Grower accepts the Seed Product "as is", "where is" and with all faults and to assume all risks associated with use of the Seed Product and any actual or perceived impact on any crop yield or quality, and Grower will indemnify and hold harmless Syngenta and Syngenta authorized Distributors, and their respective directors, officers, employees and affiliates from any claims related, directly or indirectly, to the performance or non-performance of the Seed Product and its impact on any crop yield or quality; and
- Grower waives any and all claims and releases Syngenta and Syngenta authorized Distributors, and their respective directors, officers, employees and affiliates, from any and all liabilities relating, directly or indirectly, to the Notice and the use of the Seed Product.

GENERAL PROVISIONS.

- This Supplemental Agreement and the parties' relationship shall be governed by the laws of the State of Minnesota and the United States (other than the choice of laws rules).
- Grower's rights may not be transferred to any other person or entity without the prior written consent of Syngenta.

Rupp Seeds, Inc., 17919 County Road B, Wauseon, Ohio 43567 Email: waivers@ruppseeds.com Fax: 419-337-5491







We've added 33 NEW products to our 2026 catalog! Each one offers improvements such as eating quality, yield, disease resistance, and

market suitability. Check the inside front cover for a complete list of new products.

