

2018 Michigan Corn Hybrids Compared
Michigan State University
Department of Plant, Soil & Microbial Sciences

Preliminary Grain Yield Data - 2018

Zone 1 - BRANCH, CASS & WASHTENAW COUNTY GRAIN TRIALS - EARLY (107 Day and Earlier)

2018			Early - TRIAL AVERAGE					Branch - Early					Cass - Early					Washtenaw - Early					
BRAND / HYBRID	RM	TRT TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	
AGRIGOLD A635-54VT2RIB	105	P500 1,2	18.3	220.1	54.5	0.0	96	19.3	201.4	52.9	0.0	93	17.3	238.8 *	56.0	0.0	99						
AGRIGOLD A637-55VT2PRO	107	P500 1,2	19.8	214.4	53.9	0.3	92	20.7	217.2	52.6	0.6	93	18.8	211.6	55.1	0.0	91						
CHANNEL 196-40 STXRIB	96	A500 1,2,3,4	16.8	188.5	54.2	0.6	96	17.2	193.3	52.5	0.6	98	16.3	183.6	55.9	0.6	93						
CHANNEL 197-68 STXRIB	97	A500 1,2,3,4	17.9	211.5	54.4	0.9	97	19.0	215.2	52.4	0.0	96	16.7	207.8	56.3	1.7	97						
CHANNEL 203-01 STXRIB	103	A500 1,2,3,4	19.3	220.7	53.1	1.0	94	20.7	220.0	51.7	1.9	93	17.8	221.3	54.5	0.0	95						
CHANNEL 207-27 STXRIB	107	A500 1,2,3,4	21.5	225.3	53.8	0.3	83	23.8	220.1	52.2	0.6	70	19.2	230.5 *	55.3	0.0	96						
DAIRYLAND SEED EXP-10411	104	1,2,4	19.5	224.7	54.2	0.3	97	21.2	233.8 *	52.9	0.6	96	17.7	215.6	55.5	0.0	97						
DAIRYLAND SEED RPM-4318AM	104	1,2,4	18.7	230.4 *	54.5	0.9	95	19.8	237.3 *	53.1	1.8	97	17.5	223.4	55.9	0.0	93						
DAIRYLAND SEED RPM-4329AM	104	1,2,4	20.2	225.8	52.6	0.8	95	22.0	223.1	51.6	1.5	96	18.3	228.4 *	53.5	0.0	94						
DAIRYLAND SEED RPM-562XRR	106	1,2,4	21.0	216.3	54.0	0.3	94	23.1	226.9	52.7	0.6	95	18.8	205.7	55.3	0.0	93						
DYNAGRO D47VC29	107	P500 1,2	18.9	222.2	54.5	0.0	95	21.0	219.8	52.7	0.0	95	16.8	224.6	56.2	0.0	95						
GOLDEN HARVEST G04S19-3010	104	C250 1,2,4	18.6	211.6	52.4	1.8	97	20.3	229.3 *	50.9	2.9	97	16.9	193.9	53.8	0.6	96						
GOLDEN HARVEST G06Q68-3220	106	C2501,2,3,4,6	21.3	208.3	52.7	0.2	98	23.2	227.5 *	50.9	0.3	99	19.3	189.0	54.5	0.0	96						
GOLDEN HARVEST G07F23-3111	107	C2501,2,3,4,6	20.7	236.1 *	53.2	0.8	95	22.7	225.9	51.8	1.5	96	18.7	246.3 *	54.6	0.0	94						
LEGACY SEEDS L-5418 SSX	105	A500 1,2,3,4	19.7	213.1	55.1	0.9	94	22.2	229.2 *	53.7	0.6	93	17.1	196.9	56.5	1.2	94						
LEGACY SEEDS L-5516 SSX	105	A500 1,2,3,4	18.6	223.6	55.6	0.2	95	20.3	216.6	53.4	0.3	96	16.8	230.5 *	57.7	0.0	93						
LG SEEDS LG5505VT2RIB	100	P500 1,2,3	17.1	213.6	56.1	0.3	98	18.5	209.4	54.4	0.6	99	15.7	217.8	57.7	0.0	97						
LG SEEDS LG5499VT2RIB	102	P500 1,2,3	17.9	209.4	54.6	0.5	94	18.9	222.5	53.2	0.9	95	16.8	196.3	56.0	0.0	93						
LG SEEDS LG5525VT2RIB	105	P500 1,2,3	18.9	216.4	54.8	1.3	97	20.0	209.5	53.0	0.9	97	17.8	223.2	56.6	1.6	96						
LG SEEDS LG57C28VT2PRO	107	P500 1,2,3	19.9	225.1	55.1	0.3	95	22.2	234.2 *	52.6	0.6	94	17.5	216.0	57.6	0.0	96						
LG SEEDS LG58C77VT2PRO	107	P500 1,2,3	19.8	225.7	53.6	0.3	93	21.2	217.9	52.8	0.3	94	18.3	233.4 *	54.4	0.3	92						
M&W SEEDS 45R69	103	P250 1,2	18.7	198.1	55.1	2.1	91	19.9	206.3	53.5	0.6	94	17.4	189.9	56.6	3.6	87						
M&W SEEDS 44R35	105	P250 1,2	18.6	228.7 *	54.9	0.3	97	20.2	225.5	53.0	0.6	96	17.0	231.8 *	56.8	0.0	97						
NK Brand NK0624-3220	106	C2501,2,3,4,6	20.3	211.8	52.5	0.2	98	21.8	218.2	51.3	0.3	99	18.7	205.4	53.6	0.0	96						
RUPP XRD06-70	106	P250 1,2	16.9	229.8 *	55.0	0.0	94	18.1	214.1	53.4	0.0	95	15.7	245.5 *	56.6	0.0	92						
RUPP XRD07-72	107	P250 1,2	19.2	217.5	54.6	0.2	87	21.2	230.6 *	53.0	0.3	87	17.1	204.4	56.2	0.0	87						
SEED CONSULTANTS SCS 989YH	98	C250 1,2,4	17.6	203.2	56.7	1.8	96	18.1	191.3	55.1	3.6	97	17.1	215.0	58.3	0.0	95						
SEED CONSULTANTS SCS 1018YH	101	C250 1,2,4	18.1	207.9	54.6	2.2	96	19.1	199.4	53.3	4.4	97	17.1	216.3	55.8	0.0	94						
SEED CONSULTANTS SCS 1037YH	103	C250 1,2,4	18.8	207.9	54.8	0.2	92	19.7	220.2	53.4	0.0	91	17.8	195.5	56.2	0.3	93						
SEED CONSULTANTS SCS 10HR4	104	C250 1,2,4	19.9	238.2 **	54.6	0.2	98	21.7	228.0 *	52.9	0.3	97	18.0	248.3 **	56.2	0.0	99						
SEED CONSULTANTS SC 10AGT5	105	C250 1,2,4	19.3	217.3	53.7	0.3	95	20.3	217.1	52.4	0.6	96	18.3	217.4	55.0	0.0	93						
SPECIALTY 32A323	102	P500 1,2,3,4	18.3	216.1	53.5	1.2	97	20.0	224.3	51.7	2.3	97	16.6	207.8	55.3	0.0	96						
SPECIALTY 32A886	102	P500 1,2,3,4	18.8	215.9	53.7	0.2	95	20.6	219.2	51.9	0.3	97	16.9	212.6	55.5	0.0	93						
SPECIALTY 34A007	104	P500 1,2,3,4	18.7	231.6 *	55.2	0.0	93	20.7	233.5 *	53.7	0.0	94	16.7	229.7 *	56.7	0.0	92						
SPECIALTY 37A808	107	P500 1,2,3,4	20.8	208.0	54.4	0.5	94	22.9	205.7	52.9	0.9	97	18.6	210.2	55.9	0.0	90						
WELLMAN W2801DP	101	1,2	17.1	201.9	55.4	0.2	95	17.9	190.1	53.4	0.3	98	16.2	213.6	57.4	0.0	91						

Zone 1 - BRANCH, CASS & WASHTENAW COUNTY GRAIN TRIALS - EARLY (107 Day and Earlier)

2018			Early - TRIAL AVERAGE					Branch - Early					Cass - Early					Washtenaw - Early					
BRAND / HYBRID	RM	TRT TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	
WELLMAN W2903DP	103	1,2	18.2	199.1	54.7	0.0	91	19.0	199.1	53.3	0.0	94	17.4	199.1	56.0	0.0	87						
WELLMAN W2705DP	105	1,2	18.7	217.7	56.0	0.0	90	20.5	221.8	53.6	0.0	92	16.9	213.5	58.3	0.0	87						
WELLMAN W2307DP	107	1,2	20.0	216.5	54.0	1.1	95	22.6	234.7 *	52.1	0.6	94	17.3	198.2	55.9	1.5	95						
WYCKOFF 2187 VT2P	97	1,2	17.3	212.4	54.7	0.6	95	17.9	198.9	53.2	1.2	94	16.7	225.9	56.1	0.0	95						
WYCKOFF 2212 VT2P	100	1,2	18.1	223.3	55.8	1.1	96	19.6	216.6	54.1	2.1	96	16.5	229.9 *	57.5	0.0	96						
WYCKOFF 2263 SS	101	1,2,3,4	18.1	203.6	54.8	0.0	95	20.0	217.5	53.6	0.0	96	16.1	189.7	56.0	0.0	93						
WYCKOFF 2313 VT2P	103	1,2,3,4	18.2	202.3	54.7	1.0	90	19.2	204.3	53.2	2.0	94	17.1	200.3	56.1	0.0	86						
WYCKOFF 2390 VT2P	103	1,2	17.4	219.8	54.6	0.0	95	18.1	211.1	52.6	0.0	97	16.6	228.5 *	56.5	0.0	92						
WYCKOFF 2399 SS	104	1,2,3,4	18.3	218.0	55.6	2.4	88	19.4	223.6	54.1	4.8	80	17.2	212.3	57.0	0.0	96						
WYCKOFF 2400 SS	105	1,2,3,4	16.6	227.5 *	55.0	0.0	96	17.6	212.0	53.2	0.0	97	15.6	243.0 *	56.7	0.0	95						
WYCKOFF 2433 VT2P	105	1,2,3,4	18.8	217.7	55.2	0.5	96	19.8	220.8	54.0	0.9	97	17.7	214.6	56.3	0.0	95						
WYCKOFF 2500 SS	106	1,2,3,4	19.1	234.2 *	55.4	0.6	95	20.8	240.0 *	53.6	0.0	92	17.3	228.3 *	57.1	1.1	98						
WYCKOFF 2585 SS	107	1,2	22.3	224.8	53.1	0.0	97	24.6	241.6 **	52.2	0.0	95	20.0	208.0	53.9	0.0	98						
AVERAGE			18.9	217.0	54.5	0.6	94	20.4	218.3	52.9	0.9	95	17.4	215.7	56.0	0.1	94						
HIGHEST			22.3	238.2	56.7	2.4	98	24.6	241.6	55.1	4.8	99	20.0	248.3	58.3	3.6	99						
LOWEST			16.6	188.5	52.4	0.0	83	17.2	190.1	50.9	0.0	70	15.6	183.6	53.5	0.0	86						
CV (%)			3.5	6.9	1.1	436.3	4.0	3.8	5.6	0.8	231.4	10.0	3.2	8.0	1.3	3774.0	4.0						
LSD (5%)			0.6	12.3	0.5	1.7	3.0	0.9	14.4	0.5	2.4	11.0	0.6	20.3	0.9	2.4	5.0						

2 Year Averages 2018 - 2017			Early - TRIAL AVERAGE					Branch - Early					Cass - Early					Washtenaw - Early					
BRAND / HYBRID	RM	TRT TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	
CHANNEL 197-68 STXRIB	97	A500 1,2,3,4	18.1	229.9	54.0	0.5	98	19.5	222.2 *	52.7	0.0	98	16.6	237.5	55.2	1.0	98						
CHANNEL 203-01 STXRIB	103	A500 1,2,3,4	19.7	228.3	52.2	0.5	96	21.7	209.4	51.2	0.9	94	17.6	247.2 *	53.1	0.0	97						
CHANNEL 207-27 STXRIB	107	A500 1,2,3,4	22.1	234.4	52.8	0.2	92	24.3	211.6	51.8	0.3	85	19.8	257.1 *	53.7	0.0	98						
DAIRYLAND SEED RPM-4318AM	104	1,2,4	19.7	241.2 *	53.9	0.5	98	21.4	231.0 *	52.7	0.9	99	17.9	251.4 *	55.0	0.0	97						
DAIRYLAND SEED RPM-562XRR	106	1,2,4	21.0	231.3	53.4	0.2	96	23.0	225.6 *	52.1	0.3	96	19.0	237.0	54.7	0.0	95						
DYNAGRO D47VC29	107	P500 1,2	19.1	240.2 *	54.2	0.0	95	20.9	229.0 *	52.9	0.0	92	17.2	251.3 *	55.5	0.0	97						
GOLDEN HARVEST G07F23-3111	107	C2501,2,3,4,6	21.3	237.0	52.5	0.4	97	23.6	223.0 *	51.3	0.7	98	19.0	251.0 *	53.7	0.0	96						
RUPP XRD06-70	106	P250 1,2	18.4	237.4 *	54.4	0.0	96	20.2	215.2	52.9	0.0	97	16.6	259.6 *	55.9	0.0	95						
RUPP XRD07-72	107	P250 1,2	19.3	230.5	54.4	0.4	91	21.2	225.6 *	53.3	0.2	91	17.3	235.3	55.4	0.6	91						
SEED CONSULTANTS SCS 1018Yf	101	C250 1,2,4	18.2	222.1	54.5	1.6	97	18.9	206.6	53.7	2.5	98	17.4	237.6	55.3	0.6	95						
SEED CONSULTANTS SCS 1037Yf	103	C250 1,2,4	18.8	218.5	54.6	0.3	94	19.9	215.0	53.1	0.0	93	17.6	222.0	56.0	0.5	94						
SEED CONSULTANTS SCS 10HR4	104	C250 1,2,4	20.5	245.7 **	54.0	0.1	98	22.4	231.2 *	52.7	0.2	97	18.5	260.1 **	55.2	0.0	99						
SPECIALTY 32A323	102	P500 1,2,3,4	19.2	227.5	52.9	0.7	97	21.5	220.8	51.3	1.2	99	16.8	234.1	54.5	0.1	95						
SPECIALTY 32A886	102	P500 1,2,3,4	19.1	224.4	52.9	0.3	97	21.1	215.3	51.4	0.2	99	17.0	233.4	54.4	0.3	95						
SPECIALTY 34A007	104	P500 1,2,3,4	19.2	242.9 *	54.4	0.0	94	21.1	228.3 *	53.2	0.0	92	17.2	257.5 *	55.6	0.0	96						
WELLMAN W2705DP	105	1,2	19.0	223.2	55.3	0.0	91	20.8	214.4	53.6	0.0	93	17.1	231.9	57.0	0.0	89						
WYCKOFF 2187 VT2P	97	1,2	17.8	225.3	54.7	0.3	95	18.9	206.6	53.4	0.6	95	16.6	243.9	55.9	0.0	95						
WYCKOFF 2263 SS	101	1,2,3,4	18.7	214.5	54.8	0.1	94	21.1	210.3	53.2	0.2	95	16.3	218.6	56.3	0.0	93						
WYCKOFF 2390 VT2P	103	1,2	18.5	229.4	54.1	0.0	96	19.4	205.6	52.5	0.0	97	17.6	253.1 *	55.6	0.0	94						
WYCKOFF 2399 SS	104	1,2,3,4	19.0	231.4	55.5	2.1	93	20.6	225.1 *	53.9	2.4	89	17.3	237.6	57.0	1.8	97						

Zone 1 - BRANCH, CASS & WASHTENAW COUNTY GRAIN TRIALS - EARLY (107 Day and Earlier)

2018			Early - TRIAL AVERAGE					Branch - Early					Cass - Early					Washtenaw - Early					
BRAND / HYBRID	RM	TRT TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	
WYCKOFF 2400 SS	105	1,2,3,4	17.9	230.8	54.5	0.0	95	19.5	214.0	52.9	0.0	94	16.3	247.6 *	56.1	0.0	95						
WYCKOFF 2500 SS	106	1,2,3,4	19.1	241.0 *	54.8	0.5	97	20.9	232.7 **	53.5	0.0	95	17.2	249.2 *	56.0	1.0	98						
AVERAGE			19.3	231.2	54.0	0.4	95	21.0	219.0	52.7	0.5	95	17.4	243.4	55.3	0.2	95						
HIGHEST			22.1	245.7	55.5	2.1	98	24.3	232.7	53.9	2.5	99	19.8	260.1	57.0	1.8	99						
LOWEST			17.8	214.5	52.2	0.0	91	18.9	205.6	51.2	0.0	85	16.3	218.6	53.1	0.0	89						
CV (%)			5.5	7.2	1.6	472.2	4.0	5.3	6.2	1.4	291.6	8.0	3.7	6.8	1.5	1356.0	4.0						
LSD (5%)			0.6	8.6	0.5	1.2	2.0	0.9	11.2	0.6	1.5	7.0	0.5	13.1	0.7	1.8	3.0						

3 Year Averages 2018 -2016			Early - TRIAL AVERAGE					Branch - Early					Cass - Early					Washtenaw - Early					
BRAND / HYBRID	RM	TRT TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	
CHANNEL 207-27 STXRIB	107	A500 1,2,3,4	21.2	231.8	53.2	0.2	94	22.9	220.8	52.6	0.4	90	19.5	242.8	53.7	0.0	98						
DAIRYLAND SEED RPM-4318AM	104	1,2,4	18.9	238.5 *	54.5	0.3	97	20.4	227.6 *	53.5	0.6	97	17.4	249.3 *	55.4	0.0	97						
DAIRYLAND SEED RPM-562XRR	106	1,2,4	19.9	237.2 *	54.3	0.2	96	21.5	233.1 **	53.5	0.4	96	18.3	241.2	55.1	0.0	95						
RUPP XRD06-70	106	P250 1,2	17.6	239.5 *	54.9	0.0	97	19.1	223.3	53.8	0.0	97	16.1	255.7 **	55.9	0.0	96						
SEED CONSULTANTS SCS 1037YI	103	C250 1,2,4	18.1	225.0	55.1	0.0	96	19.0	222.8	54.3	0.0	95	17.2	227.1	55.9	0.0	96						
SEED CONSULTANTS SCS 10HR4	104	C250 1,2,4	19.6	243.1 **	54.8	0.1	98	21.1	230.5 *	54.0	0.1	96	18.1	255.7 **	55.5	0.0	99						
SPECIALTY 32A323	102	P500 1,2,3,4	18.1	226.8	53.7	0.5	98	19.8	218.8	52.8	0.9	99	16.3	234.8	54.6	0.0	97						
WELLMAN W2705DP	105	1,2	18.2	225.3	55.9	0.1	93	19.7	219.0	54.8	0.1	94	16.7	231.6	56.9	0.0	91						
WYCKOFF 2390 VT2P	103	1,2	18.1	226.1	54.8	0.1	95	19.0	207.1	53.5	0.2	97	17.2	245.1 *	56.0	0.0	93						
WYCKOFF 2400 SS	105	1,2,3,4	17.5	231.0	54.8	0.1	95	19.0	217.6	53.6	0.1	95	15.9	244.3	56.0	0.0	95						
AVERAGE			18.7	232.4	54.6	0.2	96	20.2	222.1	53.6	0.3	96	17.3	242.8	55.5	0.0	96						
HIGHEST			21.2	243.1	55.9	0.5	98	22.9	233.1	54.8	0.9	99	19.5	255.7	56.9	0.0	99						
LOWEST			17.5	225.0	53.2	0.0	93	19.0	207.1	52.6	0.0	90	15.9	227.1	53.7	0.0	91						
CV (%)			4.7	6.9	1.6	406.9	4.0	5.1	6.4	1.6	270.9	8.0	3.5	6.9	1.5	0.0	4.0						
LSD (5%)			0.4	6.5	0.4	0.8	2.0	0.7	9.5	0.6	1.0	5.0	0.4	10.8	0.6	0.0	2.0						

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid