

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

Preliminary Grain Yield Data - 2018

Zone 2 - ALLEGAN, INGHAM & SAGINAW COUNTY GRAIN TRIALS - LATE (101 Day and Later)

2018 BRAND / HYBRID	RM TRT TRAIT	Late - TRIAL AVERAGE					Allegan - Late					Ingham - Late					Saginaw - Late				
		%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 A633-94STX	103 P500 1,2,3,4	20.3	225.0	53.7	0.2	92	19.9	226.5	54.2	0.0	89					20.6	223.4	53.2	0.3	94	
AGRIGOLD A635-54VT2RIB	105 P500 1,2	22.5	238.3	52.3	0.0	97	21.6	244.2	53.0	0.0	97					23.3	232.4	51.5	0.0	97	
AgVenture AV6302AM	102 C250 1,2,4	20.4	255.4 *	52.3	0.0	95	20.1	263.9 **	53.2	0.0	91					20.6	246.8 *	51.3	0.0	99	
BRODBECK 59RA02	102 C500 1,2,3,4	21.7	228.4	51.5	0.3	93	21.5	232.5	51.6	0.3	91					21.9	224.2	51.3	0.3	95	
BRODBECK 48PW03E	103 C500 1,2,4	21.9	227.2	51.7	1.2	89	21.6	225.6	52.4	0.0	86					22.1	228.8	51.0	2.3	92	
BRODBECK 48PW09E	109 C500 1,2,4	23.9	245.2	51.2	1.3	89	23.5	257.1 *	51.5	0.7	83					24.3	233.3	50.8	1.9	94	
BRODBECK 46RA05	112 C500 1,2,4	21.8	245.0	52.1	0.6	93	21.5	249.1 *	52.3	0.0	89					22.0	240.8	51.9	1.1	96	
CHANNEL 203-01 VT2PRIB	103 A250 1,2	23.3	239.8	50.6	0.8	96	22.3	248.7 *	51.6	1.5	92					24.3	230.9	49.5	0.0	99	
CHANNEL 207-27 VT2PRIB	107 A250 1,2	26.2	240.1	51.3	0.9	93	26.4	255.8 *	52.8	0.9	89					25.9	224.4	49.7	0.9	97	
DAIRYLAND SEED DS-7603PE	103 C500 1,2,4,6	22.1	233.0	50.9	0.0	92	21.2	229.3	51.4	0.0	86					23.0	236.7	50.4	0.0	97	
DAIRYLAND SEED EXP-10306	103 1,2,3,4	17.9	218.4	54.8	0.2	97	17.1	223.2	54.7	0.0	95					18.6	213.6	54.8	0.3	98	
DAIRYLAND SEED RPM-4317AM	103 1,2,4	20.9	237.5	52.5	0.3	95	21.3	245.6	52.7	0.0	91					20.5	229.3	52.2	0.6	99	
DAIRYLAND SEED DS-9804RA	104 C5001,2,3,4,6	22.6	234.9	51.3	0.0	93	22.4	253.8 *	52.3	0.0	91					22.8	215.9	50.3	0.0	94	
DAIRYLAND SEED EXP-10411	104 1,2,4	21.1	252.7 *	52.1	0.0	94	20.9	249.3 *	52.2	0.0	91					21.2	256.1 **	52.0	0.0	97	
DAIRYLAND SEED RPM-4318AM	104 1,2,4	20.1	250.0 *	53.1	0.2	92	19.9	251.6 *	53.3	0.0	87					20.2	248.3 *	52.8	0.3	97	
DAIRYLAND SEED RPM-4329AM	104 1,2,4	23.3	243.4	50.2	1.6	94	23.5	247.0	50.9	0.0	90					23.1	239.7	49.5	3.2	98	
DAIRYLAND SEED RPM-562XRR	106 1,2,4	21.7	257.2 **	52.1	0.0	91	20.8	261.6 *	53.2	0.0	86					22.6	252.8 *	50.9	0.0	96	
DYNAGRO D43VC81	103 P500 1,2	20.9	227.1	51.7	0.6	90	21.4	229.5	52.1	0.0	82					20.4	224.6	51.2	1.2	97	
DYNAGRO D44VC40	104 P500 1,2	20.2	224.7	51.6	0.0	94	19.5	222.8	53.0	0.0	92					20.8	226.6	50.1	0.0	96	
GOLDEN HARVEST G03C84-3120	103 C250 1,2,4	21.5	232.4	51.4	2.2	94	21.5	245.5	52.3	3.8	91					21.5	219.2	50.5	0.6	97	
GOLDEN HARVEST G04S19-3010	104 C250 1,2,4	20.9	232.8	50.2	1.2	97	20.7	242.3	50.9	0.9	95					21.0	223.2	49.5	1.4	98	
GOLDEN HARVEST G06Q68-3220	106 C2501,2,3,4,6	21.6	237.4	51.2	0.6	95	21.3	235.9	51.5	0.3	93					21.9	238.8	50.9	0.9	97	
LEGACY SEEDS L-5217 SSX	102 A500 1,2,3,4	20.2	228.9	53.4	0.0	90	20.2	232.8	54.0	0.0	85					20.2	224.9	52.7	0.0	95	
LEGEND 9701 GENSSRIB	101 C250 1,2,3	20.3	224.8	51.9	0.0	93	19.6	222.7	53.5	0.0	89					21.0	226.9	50.2	0.0	97	
LEGEND 9804 GENSSRIB	104 C250 1,2,3,4	20.4	229.4	53.0	0.0	96	20.6	227.1	53.2	0.0	91					20.2	231.6	52.8	0.0	100	
LEGEND 9907 GENSSRIB	107 C250 1,2,3,4	23.2	231.3	50.7	0.0	90	22.3	231.5	51.0	0.0	86					24.1	231.0	50.4	0.0	94	
LG SEEDS LG5499VT2RIB	102 P500 1,2,3	20.7	236.8	51.7	0.0	95	20.7	238.6	52.9	0.0	92					20.6	235.0	50.4	0.0	98	

Zone 2 - ALLEGAN, INGHAM & SAGINAW COUNTY GRAIN TRIALS - LATE (101 Day and Later)

2018			Late - TRIAL AVERAGE					Allegan - Late					Ingham - Late					Saginaw - Late				
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
LG SEEDS LG5525VT2RIB	105	P500 1,2,3	21.8	231.1	52.4	0.3	95	21.3	228.2	53.0	0.0	90						22.2	233.9	51.8	0.6	99
LG SEEDS LG57C28VT2PRO	107	P500 1,2,3	22.2	218.4	51.5	0.5	94	21.4	226.2	52.4	0.0	91						23.0	210.6	50.6	0.9	96
M&W SEEDS 45R69	103	P250 1,2	20.5	230.5	53.3	0.2	89	20.5	230.2	54.0	0.3	86						20.5	230.8	52.6	0.0	92
M&W SEEDS 44R35	105	P250 1,2	21.5	247.3 *	51.9	0.2	97	21.9	252.8 *	52.2	0.0	97						21.0	241.8	51.6	0.3	97
MISSION SEED AMP A0357SS	103	P250 1,2,3,4	21.4	234.6	52.6	0.0	95	21.8	229.2	53.1	0.0	93						20.9	239.9	52.1	0.0	97
NK Brand NK0330-3120	103	C250 1,2,4	21.6	221.6	51.2	3.3	97	22.2	226.7	51.4	5.3	94						20.9	216.4	51.0	1.2	99
RENK RK604SSTX	102	C500 1,2,3,4	19.4	234.9	52.7	1.1	93	19.1	239.4	53.5	1.9	88						19.7	230.3	51.9	0.3	97
RENK RK642SSTX	103	C500 1,2,3,4	20.2	220.1	53.1	0.3	91	20.6	209.2	52.8	0.0	85						19.8	230.9	53.3	0.6	96
RENK RK717SSTX	105	C500 1,2,3,4	20.1	233.8	53.1	0.3	96	20.3	240.8	54.1	0.0	94						19.8	226.8	52.1	0.6	98
RENK RK710DGVT2P	106	C250 1,2	22.1	245.9	51.4	0.0	94	23.1	242.5	52.0	0.0	90						21.1	249.2 *	50.8	0.0	97
RENK RK737SSTX	106	C500 1,2,3,4	22.0	237.5	52.6	0.3	95	22.6	243.5	53.3	0.0	95						21.4	231.4	51.9	0.6	95
RUPP XRD03-07	103	P250 1,2	19.8	235.6	53.6	0.2	92	20.2	238.0	54.0	0.3	88						19.4	233.2	53.1	0.0	95
SEED CONSULTANTS SCS 1037YI	103	C250 1,2,4	20.2	239.3	53.2	0.0	91	20.3	248.6 *	53.6	0.0	86						20.1	229.9	52.7	0.0	95
SEED CONSULTANTS SCS 10HR4	104	C250 1,2,4	21.8	236.5	51.7	0.0	95	20.9	244.2	52.3	0.0	93						22.7	228.8	51.0	0.0	97
SEED CONSULTANTS SC 10AGT5	105	C250 1,2,4	22.3	227.0	51.5	0.2	92	22.0	225.6	52.2	0.0	87						22.6	228.4	50.8	0.3	97
SEEDWAY SW5440GENSSRIB	106	1,2,3,4	20.8	244.9	52.5	0.0	95	20.9	253.4 *	53.7	0.0	90						20.6	236.4	51.2	0.0	99
SPECIALTY 32A323	102	P500 1,2,3,4	20.5	229.9	51.4	0.2	97	20.0	230.8	51.7	0.0	96						20.9	229.0	51.0	0.3	98
SPECIALTY 32A886	102	P500 1,2,3,4	20.9	244.2	50.8	0.6	94	21.0	248.0	51.7	0.6	95						20.8	240.4	49.9	0.6	93
SPECIALTY 34A007	104	P500 1,2,3,4	21.5	231.0	52.6	0.0	92	20.8	227.8	53.4	0.0	86						22.1	234.2	51.7	0.0	98
WELLMAN W2903DP	103	1,2	20.5	223.8	53.4	0.0	90	20.4	224.0	53.8	0.0	84						20.6	223.5	53.0	0.0	95
WELLMAN W2705DP	105	1,2	20.2	221.8	51.7	0.5	92	20.5	229.3	53.2	0.0	90						19.8	214.2	50.1	1.0	93
WELLMAN W2307DP	107	1,2	24.3	236.3	50.5	1.5	93	25.0	243.7	51.3	0.0	90						23.5	228.9	49.7	2.9	95
WELLMAN W2807DP	107	ENC 1,2	21.7	219.3	51.7	0.0	88	22.1	217.5	51.8	0.0	84						21.2	221.0	51.6	0.0	91
WELLMAN W2609DP	109	1,2	24.7	201.7	49.8	0.9	90	24.3	220.9	51.1	0.4	88						25.0	182.5	48.4	1.3	92
WELLMAN W2911DP	110	1,2	24.9	231.1	51.4	2.1	91	24.9	249.3 *	52.0	0.0	88						24.8	212.8	50.8	4.1	94
WELLMAN W2812DP	111	1,2	27.0	206.4	50.3	3.9	95	26.7	219.1	50.8	0.6	93						27.3	193.6	49.7	7.1	97
AVERAGE			21.6	233.2	51.9	0.5	93	21.5	237.4	52.6	0.3	90						21.7	229.0	51.2	0.7	96
HIGHEST			27.0	257.2	54.8	3.9	97	26.7	263.9	54.7	5.3	97						27.3	256.1	54.8	7.1	100
LOWEST			17.9	201.7	49.8	0.0	88	17.1	209.2	50.8	0.0	82						18.6	182.5	48.4	0.0	91
CV (%)			4.6	5.4	2.0	305.4	5.0	5.3	5.7	1.9	369.0	6.0						3.9	5.0	2.0	266.0	3.0
LSD (5%)			0.8	10.3	0.8	1.3	3.0	1.3	15.8	1.2	1.4	6.0						1.0	13.3	1.2	2.2	4.0

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2018			Late - TRIAL AVERAGE					Allegan - Late					Ingham - Late					Saginaw - Late				
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
2 Year Averages 2018 - 2017			Late - TRIAL AVERAGE					Allegan - Late					Ingham - Late					Saginaw - Late				
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
DAIRYLAND SEED RPM-4317AM	103	1,2,4						19.7	248.1	54.2	0.5	93										
DAIRYLAND SEED RPM-4318AM	104	1,2,4						19.4	268.3 **	53.9	0.0	92										
DAIRYLAND SEED RPM-562XRR	106	1,2,4						20.3	256.4	53.6	0.0	84										
DYNAGRO D44VC40	104	P500 1,2						18.9	246.6	54.4	0.0	94										
GOLDEN HARVEST G03C84-3120	103	C250 1,2,4						20.3	244.3	53.4	3.7	95										
LEGEND 9804 GENSSRIB	104	C250 1,2,3,4						19.3	237.4	54.5	0.0	91										
RENK RK642SSTX	103	C500 1,2,3,4						19.4	232.6	54.5	0.5	91										
RENK RK717SSTX	105	C500 1,2,3,4						19.0	252.7	55.2	0.7	94										
SPECIALTY 32A323	102	P500 1,2,3,4						19.5	240.1	52.6	0.0	95										
SPECIALTY 32A886	102	P500 1,2,3,4						19.9	257.0	53.5	0.3	95										
SPECIALTY 34A007	104	P500 1,2,3,4						19.3	244.6	54.9	0.0	90										
AVERAGE								19.5	248.0	54.1	0.5	92										
HIGHEST								20.3	268.3	55.2	3.7	95										
LOWEST								18.9	232.6	52.6	0.0	84										
CV (%)								4.5	5.6	1.7	401.1	6.0										
LSD (5%)								0.8	11.2	0.8	1.3	5.0										

3 Year Averages 2018 - 2016			Late - TRIAL AVERAGE					Allegan - Late					Ingham - Late					Saginaw - Late				
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
RENK RK717SSTX	105	C500 1,2,3,4						18.5	240.9 *	55.2	0.5	96										
SPECIALTY 32A323	102	P500 1,2,3,4						18.6	244.5 **	53.3	0.1	97										
AVERAGE								18.5	242.7	54.2	0.3	96										
HIGHEST								18.6	244.5	55.2	0.5	97										
LOWEST								18.5	240.9	53.3	0.1	96										
CV (%)								4.0	5.8	1.8	402.6	6.0										
LSD (5%)								0.6	9.4	0.7	1.0	3.0										

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid