

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

Preliminary Grain Yield Data - 2018

Zone 3 - HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - LATE (98 Day and Later)

2018				Late - TRIAL AVERAGE					Huron - Late					Mason - Late					Montcalm - 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
AgVenture AV5799AM	99	C250	1,2,4	22.4	215.2	51.3	3.4	94	22.0	194.7	52.8	0.9	94	22.5	225.4	49.8	8.3	96	22.7	225.5	51.3	0.9	93
AgVenture AV6302AM	102	C250	1,2,4	23.4	223.1 *	51.0	7.6	96	24.0	192.1	51.8	0.3	97	22.7	239.6 *	49.8	22.2	95	23.5	237.7 *	51.4	0.3	97
BRODBECK 59RA02	102	C500	1,2,3,4	23.4	196.3	50.4	1.7	94	23.2	150.8	52.0	0.0	95	23.0	217.5	48.7	2.7	95	24.0	220.7	50.5	2.4	93
BRODBECK 48PW03E	103	C500	1,2,4	24.4	211.8	49.8	0.6	93	24.4	179.5	51.0	1.2	94	23.9	223.2	48.2	0.3	96	25.0	232.8 *	50.1	0.3	90
CROPLAN 4079VT2P/RIB	99	ACC	1,2	20.0	196.0	52.2	3.9	97	19.7	186.6	53.8	1.2	97	19.2	182.5	51.1	8.9	96	21.2	219.0	51.8	1.5	98
CROPLAN 4079SS/RIB	100	ACC	1,2,3,4	19.8	208.5	52.1	1.0	97	20.0	179.0	53.6	1.1	98	18.6	208.0	50.9	1.2	95	20.9	238.4 *	51.9	0.6	97
DAIRYLAND SEED DS-9599	99	C500	1,2,3,4	21.2	195.2	50.2	6.1	97	21.8	155.0	49.1	0.9	99	19.8	216.4	50.2	17.1	93	21.9	214.3	51.4	0.3	99
DAIRYLAND SEED RPM-4019AM	99		1,2,4	21.9	225.8 *	49.4	0.4	96	21.8	192.5	49.8	0.9	97	21.5	247.6 **	48.7	0.0	95	22.4	237.4 *	49.8	0.3	95
DAIRYLAND SEED DS-7101	101	C500	1,2,4,6	22.8	202.9	50.7	2.8	96	21.5	161.7	50.7	0.0	96	23.4	220.1	50.1	7.1	96	23.4	226.9	51.3	1.2	97
DAIRYLAND SEED RPM-4018AM	101		1,2,4	22.2	222.6 *	51.4	7.1	96	22.0	211.5 **	52.5	0.3	95	21.2	229.3	50.7	20.5	98	23.3	227.1	51.1	0.6	95
DAIRYLAND SEED RPM-4115AM	101		1,2,4	21.0	203.1	51.7	1.5	95	21.7	164.9	52.2	1.8	95	20.1	216.0	51.1	1.2	97	21.3	228.4 *	51.9	1.5	93
DAIRYLAND SEED DS-7603PE	103	C500	1,2,4,6	24.8	208.5	49.7	0.4	96	24.8	166.7	50.5	0.0	94	24.7	227.3	48.5	0.6	96	24.8	231.6 *	50.2	0.6	97
DAIRYLAND SEED EXP-10306	103		1,2,3,4	18.3	188.2	52.8	0.3	97	19.6	162.0	54.4	0.0	99	15.5	206.6	51.9	0.0	97	19.7	196.0	52.1	0.9	96
DAIRYLAND SEED DS-9804RA	104	C500	1,2,3,4,6	23.5	207.8	50.0	2.2	94	23.4	178.9	51.4	1.0	92	23.1	220.8	48.2	3.5	97	24.1	223.7	50.4	2.2	93
DAIRYLAND SEED RPM-4318AM	104		1,2,4	21.5	230.1 **	51.5	0.8	98	21.5	209.3 *	52.0	0.0	98	19.7	241.4 *	51.5	2.0	99	23.3	239.7 *	50.9	0.3	96
DAIRYLAND SEED RPM-4329AM	104		1,2,4	26.3	213.6	49.8	2.2	96	25.2	196.2 *	51.3	0.6	97	26.0	228.3	48.4	0.6	96	27.8	216.2	49.6	5.4	96
DYNAGRO D39DC43	99	P500	1,2	20.4	211.8	50.8	0.0	96	21.1	201.7 *	51.7	0.0	95	18.6	217.8	50.4	0.0	97	21.6	216.0	50.4	0.0	96
LEGACY SEEDS L-3718 VT2P	98	A500	1,2	20.4	206.3	51.9	0.1	95	22.4	179.5	53.1	0.3	97	17.7	217.6	51.4	0.0	92	21.2	221.8	51.3	0.0	97
LEGACY SEEDS L-3816 VT2P	100	A250	1,2	19.5	198.2	50.5	0.7	94	20.2	181.2	51.4	0.6	93	16.8	199.1	49.9	1.5	96	21.5	214.4	50.3	0.0	93
LG SEEDS LG5494VT2RIB	99	P500	1,2,3	19.1	215.9	52.1	0.3	96	19.6	193.1	53.1	0.3	96	17.0	220.7	51.9	0.0	95	20.8	233.8 *	51.2	0.6	97
LG SEEDS LG5505VT2RIB	100	P500	1,2,3	19.2	213.4	53.7	1.1	97	18.4	208.2 *	55.2	0.9	97	18.9	212.6	52.5	1.2	96	20.2	219.5	53.3	1.2	98
MISSION SEED AMP A9826VT2P	98	P250	1,2	18.2	211.5	52.9	0.6	97	18.2	199.1 *	54.7	0.3	99	16.6	209.3	51.2	0.8	98	19.7	226.0	52.8	0.6	94
MISSION SEED AMP A9938VT2P	99	P250	1,2	19.7	209.8	52.5	0.7	96	20.4	183.0	53.0	0.0	97	18.3	233.0 *	52.4	2.1	96	20.4	213.4	52.2	0.0	96
MISSION SEED AMP A6101VT2P	101	P250	1,2	19.9	202.9	53.2	0.2	94	20.1	180.6	54.9	0.0	97	19.4	208.3	51.8	0.0	89	20.2	219.9	52.9	0.6	95
MISSION SEED AMP A0357SS	103	P250	1,2,3,4	22.1	219.5	52.3	0.7	97	21.7	179.1	53.4	0.0	99	22.5	236.1 *	51.2	1.2	96	22.1	243.3 **	52.3	0.9	97
RENK RK579DGV2P	98	C250	1,2	20.6	209.4	51.9	0.6	96	22.5	179.9	53.5	0.0	99	18.7	212.9	51.0	1.9	91	20.6	235.5 *	51.3	0.0	97
RENK RK593SSTX	99	C500	1,2,3,4	19.9	204.0	52.6	0.3	96	19.3	177.7	54.1	0.0	97	19.6	219.6	51.7	1.0	95	20.7	214.8	52.1	0.0	95
RUPP XRD00-51	100	P250	1,2	20.6	200.9	52.7	0.0	97	20.8	186.5	53.9	0.0	100	20.0	197.3	51.7	0.0	94	21.0	219.0	52.6	0.0	98
RUPP XRD03-07	103	P250	1,2	21.7	219.8	52.1	0.7	92	21.2	209.4 *	52.8	0.0	90	21.7	211.3	51.4	2.2	94	22.2	238.8 *	52.1	0.0	92

**Zone 3 - HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - LATE (98 Day and Later)**

2018			Late - TRIAL AVERAGE					Huron - Late					Mason - Late					Montcalm - 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
SEEDWAY SW4010GENSSRIB	100	C250 1,2,3,4	20.4	198.8	52.2	0.5	93	19.6	178.1	53.3	0.3	91	19.8	199.1	51.7	1.2	96	21.8	219.1	51.5	0.0	93
SUN PRAIRIE SP2272	101	C250	20.8	208.0	53.1	0.9	96	20.6	186.3	54.7	1.5	96	20.6	215.1	51.9	0.0	96	21.3	222.6	52.7	1.2	96
AVERAGE			21.3	209.0	51.6	1.6	96	21.4	184.0	52.6	0.5	96	20.4	218.1	50.6	3.5	95	22.1	224.9	51.4	0.8	95
HIGHEST			26.3	230.1	53.7	7.6	98	25.2	211.5	55.2	1.8	100	26.0	247.6	52.5	22.2	99	27.8	243.3	53.3	5.4	99
LOWEST			18.2	188.2	49.4	0.0	92	18.2	150.8	49.1	0.0	90	15.5	182.5	48.2	0.0	89	19.7	196.0	49.6	0.0	90
CV (%)			4.5	6.5	1.7	400.2	3.0	5.1	7.4	1.8	260.5	3.0	5.3	5.7	1.8	306.8	4.0	3.1	6.1	1.4	229.2	3.0
LSD (5%)			0.7	9.1	0.6	4.3	2.0	1.3	16.1	1.1	1.4	4.0	1.3	14.6	1.1	12.7	4.0	0.8	16.1	0.8	2.1	3.0

2 Year Averages 2018 - 2017			Late - TRIAL AVERAGE					Huron - Late					Mason - Late					Montcalm - 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
CROPLAN 4079SS/RIB	100	ACC 1,2,3,4	21.0	213.6 *	51.7	2.1	95	20.5	195.7 *	52.7	5.1	98	20.2	232.6 *	51.2	0.9	89	22.4	212.5 *	51.1	0.3	97
DAIRYLAND SEED DS-9599	99	C500 1,2,3,4	21.9	203.2	50.7	3.8	97	22.0	174.2	50.3	2.2	98	21.4	230.3	51.3	8.6	95	22.4	205.1 *	50.6	0.6	98
DAIRYLAND SEED RPM-4018AM	101	1,2,4	23.5	214.6 *	51.6	4.7	95	24.8	199.1 *	51.8	1.6	95	22.0	241.6 *	51.5	12.1	94	23.7	203.0 *	51.5	0.3	95
DAIRYLAND SEED RPM-4115AM	101	1,2,4	22.2	208.3	52.3	1.9	91	23.0	183.7	52.1	2.2	93	21.1	227.5	52.3	2.2	85	22.4	213.6 **	52.4	1.2	95
DYNAGRO D39DC43	99	P500 1,2	22.0	215.8 **	51.1	0.7	97	22.3	200.7 *	51.6	2.1	97	20.9	242.4 **	50.8	0.0	96	22.9	204.2 *	50.8	0.0	97
MISSION SEED AMP A9826VT2P	98	P250 1,2	19.9	215.1 *	52.6	0.7	97	19.9	201.0 **	53.8	1.4	99	19.0	233.6 *	51.7	0.4	96	20.9	210.7 *	52.4	0.3	95
MISSION SEED AMP A6101VT2P	101	P250 1,2	21.5	209.6 *	52.5	0.2	92	22.3	193.6 *	53.4	0.3	95	20.7	229.6	51.9	0.0	89	21.6	205.6 *	52.3	0.3	92
RUPP XRD00-51	100	P250 1,2	21.6	206.5	52.9	0.3	98	21.7	196.7 *	53.4	0.3	100	20.5	217.9	52.6	0.6	95	22.5	205.0 *	52.7	0.0	98
AVERAGE			21.7	210.8	51.9	1.8	95	22.1	193.1	52.4	1.9	97	20.7	231.9	51.7	3.1	92	22.4	207.4	51.7	0.4	96
HIGHEST			23.5	215.8	52.9	4.7	98	24.8	201.0	53.8	5.1	100	22.0	242.4	52.6	12.1	96	23.7	213.6	52.7	1.2	98
LOWEST			19.9	203.2	50.7	0.2	91	19.9	174.2	50.3	0.3	93	19.0	217.9	50.8	0.0	85	20.9	203.0	50.6	0.0	92
CV (%)			4.8	6.5	1.6	316.1	6.0	5.1	7.0	1.5	319.3	3.0	4.9	6.3	1.6	255.7	10.0	4.5	6.0	1.7	286.7	4.0
LSD (5%)			0.5	6.5	0.4	2.4	3.0	0.9	10.8	0.7	2.7	2.0	0.8	11.8	0.7	6.4	8.0	0.8	10.8	0.7	1.6	3.0

3 Year Averages 2018 - 2016			Late - TRIAL AVERAGE					Huron - Late					Mason - Late					Montcalm - 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 DS-9599	99	C500 1,2,3,4	21.7	201.8	51.1	3.0	97	20.9	181.0	51.5	1.4	98	22.0	224.7	51.2	7.1	94	22.2	199.6 *	50.5	0.4	98
DYNAGRO D39DC43	99	P500 1,2	21.7	218.0 **	51.2	0.5	97	20.9	200.8 **	52.3	1.4	97	21.6	246.6 **	50.8	0.0	96	22.7	206.6 **	50.5	0.0	97
RUPP XRD00-51	100	P250 1,2	21.5	206.9	52.9	0.2	97	20.7	193.5 *	54.1	0.2	99	21.4	225.7	52.4	0.4	95	22.3	201.6 *	52.2	0.0	98
AVERAGE			21.6	208.9	51.7	1.2	97	20.8	191.8	52.7	1.0	98	21.7	232.3	51.5	2.5	95	22.4	202.6	51.0	0.1	98
HIGHEST			21.7	218.0	52.9	3.0	97	20.9	200.8	54.1	1.4	99	22.0	246.6	52.4	7.1	96	22.7	206.6	52.2	0.4	98
LOWEST			21.5	201.8	51.1	0.2	97	20.7	181.0	51.5	0.2	97	21.4	224.7	50.8	0.0	94	22.2	199.6	50.5	0.0	97
CV (%)			4.5	6.4	1.6	303.8	6.0	4.4	6.4	1.4	301.8	3.0	4.4	6.4	1.5	245.0	9.0	4.6	6.1	1.8	270.0	3.0

Zone 3 - HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - LATE (98 Day and Later)

2018			Late - TRIAL AVERAGE					Huron - Late					Mason - Late					Montcalm - 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
LSD (5%)			0.4	5.2	0.3	1.8	2.0	0.6	8.1	0.5	1.9	2.0	0.6	9.8	0.5	4.8	6.0	0.7	8.9	0.6	1.1	2.0

\*\* Highest Yielding Hybrid

\* Not Significantly Different from Highest Yielding Hybrid