

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 - EARLY (97 Day and Earlier)

2018				Early - TRIAL AVERAGE					Huron - Early					Mason - Early					Montcalm - 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
AgVenture AV4994AM	94	C250	1,2,4	20.2	203.8	52.9	0.8	93	21.4	193.3	52.7	0.6	93	19.7	192.8	52.1	1.4	90	19.6	225.4 *	53.8	0.3	96
AgVenture AV5096AM	96	C250	1,2,4	22.0	208.0	49.7	1.8	96	23.2	164.4	50.3	0.9	97	21.4	223.7	48.9	2.3	95	21.4	235.8 **	50.0	2.1	97
CROPLAN 3399VT2P/RIB	93	ACC	1,2,3,4	18.4	200.2	54.0	0.3	97	19.3	194.7	54.3	0.0	99	17.7	208.2	53.8	0.9	94	18.1	197.7	53.9	0.0	97
CROPLAN X18093VT2P	93	ACC	1,2	17.2	200.8	53.1	0.1	96	19.3	174.9	53.5	0.0	97	14.7	217.0	52.6	0.0	93	17.5	210.5	53.2	0.3	99
CROPLAN 3499VT3P/RIB	94	ACC	1,2,3	18.7	186.8	53.6	0.0	98	19.7	160.1	54.5	0.0	102	17.3	204.2	53.2	0.0	96	19.0	196.0	53.2	0.0	96
CROPLAN 3575VT2P/RIB	95	ACC	1,2	18.3	212.1 *	53.8	0.4	96	19.3	190.6	54.6	0.3	98	17.0	241.4 **	53.5	0.6	93	18.5	204.4	53.3	0.3	97
CROPLAN 3899VT2P/RIB	96	ACC	1,2	20.1	205.9	52.2	0.6	94	20.1	198.0 *	52.9	0.0	96	19.3	218.9	51.4	0.7	90	20.8	200.9	52.2	1.2	95
CROPLAN 3575SS/RIB	95	ACC	1,2,3,4	18.7	208.7	54.9	0.5	91	19.4	207.9 *	55.0	0.0	95	18.6	210.3	54.1	1.0	88	18.2	208.0	55.6	0.4	90
CROPLAN 3795VT2P/RIB	97	ACC	1,2	19.0	207.2	49.4	0.4	98	19.0	192.6	41.4	0.0	100	17.5	211.6	53.5	0.9	96	20.4	217.5	53.2	0.3	98
DAIRYLAND SEED DS-7294A	94	C500	1,2,4,6	20.0	194.4	52.7	3.5	96	19.9	148.3	53.9	0.0	97	19.3	216.5	50.9	8.7	93	20.8	218.4	53.3	1.7	97
DAIRYLAND SEED RPM-3519AM	96		1,2,4	19.3	204.7	54.5	3.4	97	20.2	193.9	54.1	0.0	99	18.0	220.1	54.5	10.2	96	19.7	200.0	55.0	0.0	97
DAIRYLAND SEED RPM-3715AM	96		1,2,4	20.0	203.5	50.9	0.1	95	21.5	170.6	50.9	0.0	98	18.2	238.2 *	50.6	0.0	93	20.2	201.6	51.2	0.3	95
DAIRYLAND SEED RPM-499AM	97		1,2,4	19.1	206.7	51.9	2.5	96	20.2	181.2	51.4	0.0	95	17.9	221.8	51.3	7.3	96	19.1	217.1	53.0	0.3	96
DYNAGRO D34VC54	94	P500	1,2	17.2	205.4	52.6	1.2	98	18.2	190.5	53.9	0.6	99	15.0	213.2	51.8	2.1	96	18.5	212.4	52.1	0.9	98
DYNAGRO D37VC64	97	P500	1,2	18.7	201.7	52.8	0.7	98	19.8	182.9	53.7	0.0	99	17.0	192.0	52.1	1.4	96	19.2	230.3 *	52.7	0.6	98
GOLDEN HARVEST G90Y04-3220A	92	C250	1,2,3,4	19.3	197.7	53.1	2.1	95	18.7	167.5	54.4	0.0	97	19.0	201.8	50.6	5.5	93	20.1	223.8 *	54.2	0.9	94
GOLDEN HARVEST G95D32-3220	95	C2501,2,3,4,6		19.4	209.2 *	53.7	2.7	98	20.0	178.2	54.3	0.3	100	18.4	225.2	53.1	7.4	95	19.8	224.3 *	53.7	0.3	98
LEGACY SEEDS L-3115 SSX	93	A500	1,2,3,4	19.1	201.6	53.1	2.3	93	19.5	193.6	54.1	0.0	91	18.0	210.5	52.6	6.5	94	19.8	200.6	52.7	0.3	93
LEGACY SEEDS L-3517 VT2P	95	A250	1,2	18.6	200.2	53.6	0.6	96	19.2	176.2	54.4	0.0	98	17.4	217.7	52.9	0.9	95	19.1	206.6	53.5	0.9	96
LEGACY SEEDS L-3617 VT2P	97	A500	1,2	18.7	214.0 *	52.5	0.2	95	18.5	191.2	53.2	0.6	98	17.7	227.8 *	52.0	0.0	91	19.9	222.9 *	52.2	0.0	97
LEGEND 9895 VT2PRIB	95	C250	1,2	19.2	206.6	53.4	0.6	93	19.4	195.8 *	54.4	0.0	99	19.2	210.9	52.0	1.6	86	19.1	213.1	53.9	0.3	94
LEGEND 9897 VT2PRIB	97	C250	1,2	19.5	201.9	52.4	0.6	94	19.3	185.4	54.2	0.3	96	19.3	208.2	50.9	0.9	91	19.9	212.0	52.1	0.6	94
LG SEEDS LG5410VT2RIB	91	P500	1,2,3	17.9	183.2	53.5	0.3	98	19.1	146.4	54.8	0.6	99	16.4	211.7	52.2	0.3	96	18.3	191.6	53.6	0.0	98
LG SEEDS LG5415VT2RIB	93	P500	1,2,3	16.8	192.2	53.2	8.1	96	19.0	172.1	53.8	0.0	95	13.8	190.8	52.1	23.5	96	17.7	213.6	53.7	0.9	97
LG SEEDS LG44C27VT2PRO	94	P500	1,2,3	18.6	207.7	52.9	1.0	96	20.0	212.4 *	53.4	0.0	97	16.5	187.8	52.0	1.6	95	19.2	222.8 *	53.2	1.5	97
LG SEEDS LG44C34-3110	94	P500	1,2,4,6	19.0	200.1	52.8	0.2	93	19.3	154.1	54.3	0.0	96	18.5	223.7	52.1	0.6	90	19.1	222.5 *	52.1	0.0	94
LG SEEDS LG5465VT2RIB	97	P500	1,2,3	19.0	216.0 *	53.3	0.2	97	20.2	205.8 *	53.3	0.3	99	18.1	223.3	52.8	0.3	95	18.8	219.0	53.8	0.0	98
M&W SEEDS 48R11	87	P250	1,2	16.3	191.7	54.7	3.0	98	17.6	192.7	55.8	1.2	99	13.9	203.9	53.4	7.6	97	17.4	178.4	54.9	0.3	97
M&W SEEDS 47P61	90	P250	1,2	18.3	194.6	53.5	0.3	95	18.8	183.5	55.0	0.0	96	17.5	200.6	51.7	0.9	91	18.6	199.6	53.9	0.0	97
M&W SEEDS 46R52	95	P250	1,2,4,6	18.7	209.0	53.3	2.1	97	19.6	186.5	53.2	0.3	99	17.4	217.2	52.7	5.5	95	19.1	223.3 *	54.0	0.6	98
M&W SEEDS 46P76	97	P250	1,2	18.2	219.0 **	53.2	0.0	92	19.7	214.4 **	54.0	0.0	97	16.3	217.1	52.9	0.0	91	18.6	225.4 *	52.8	0.0	89
MISSION SEED AMP A9567VT2P	95	P250	1,2	19.3	196.5	52.4	1.3	95	19.3	162.2	53.2	2.4	96	19.1	214.7	51.7	1.2	94	19.5	212.7	52.2	0.3	94
NK Brand NK8920-3120	89	C250	1,2,4	18.2	193.0	53.2	1.4	99	19.0	157.5	54.0	0.0	100	16.8	218.3	51.7	4.2	99	18.8	203.3	54.0	0.0	97
NK Brand NK9227-3220A	92	C2501,2,3,4,6		19.3	192.2	53.4	3.1	96	19.2	174.3	54.8	0.0	98	18.5	196.2	51.4	7.8	93	20.2	206.1	53.9	1.6	97

Zone 3 - HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - EARLY (97 Day and Earlier)

2018			Early - TRIAL AVERAGE					Huron - Early					Mason - Early					Montcalm - 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
NK Brand NK9505-3110	95	C250 1,2,4,6	19.4	200.2	54.2	0.3	93	19.8	182.3	54.8	0.0	95	18.2	201.3	53.4	0.0	88	20.2	217.1	54.3	0.9	95
RENK RK408VT2P™	90	C250 1,2	18.3	201.9	53.2	0.1	94	18.2	182.4	54.4	0.0	97	17.8	214.5	51.9	0.3	92	18.8	208.7	53.4	0.0	94
RENK RK433RR	92	C250 1	18.1	195.7	53.2	0.9	97	17.7	166.1	54.4	0.3	97	17.5	207.8	52.0	1.2	96	19.2	213.3	53.2	1.2	97
RENK 8-536VT2P	94	C250 1,2	18.9	209.7 *	52.1	1.3	97	19.8	194.3	53.3	0.6	100	18.2	222.8	50.8	3.2	95	18.8	212.1	52.3	0.0	96
RENK RK568VT2P	95	C250 1,2	18.8	194.1	53.5	0.7	94	20.5	180.3	54.0	0.0	95	17.4	201.7	53.1	1.5	92	18.4	200.2	53.5	0.6	94
RENK RK587VT2P	97	C250 1,2	19.3	203.8	52.2	0.5	93	20.1	195.3 *	52.7	0.0	97	16.5	198.0	52.5	0.9	89	21.3	218.2	51.5	0.6	92
RUPP XRT94-06	94	P250 1,2	18.4	194.7	53.5	0.0	97	19.8	178.5	54.1	0.0	97	16.8	198.5	52.9	0.0	96	18.5	207.0	53.6	0.0	99
RUPP XRD97-95	97	P250 1,2	19.0	194.5	53.6	0.8	93	19.4	152.6	54.5	0.3	95	18.6	214.6	52.4	1.7	88	18.9	216.3	53.9	0.3	97
SEEDWAY SW3600GENSSRIB	92	P250 1,2,3,4	18.1	195.9	53.8	2.0	97	19.2	188.3	54.4	0.0	98	16.9	206.5	53.1	5.0	95	18.1	193.0	53.8	0.9	97
SEEDWAY SW3768GENSSRIB	95	C250 1,2,3,4	18.9	214.2 *	53.0	1.1	96	20.6	202.6 *	53.7	0.3	96	16.8	216.6	52.1	2.9	97	19.2	223.5 *	53.3	0.0	96
SUN PRAIRIE SP1970	94	C250	18.3	192.5	54.2	1.5	95	17.9	152.4	55.7	0.0	97	17.3	214.2	52.7	3.3	95	19.7	210.9	54.3	1.2	94
SUN PRAIRIE SP1927	95	C250	19.9	194.4	51.8	3.3	96	20.4	173.6	53.0	0.0	97	19.5	203.8	49.6	9.6	94	19.8	205.8	52.7	0.3	97
AVERAGE			18.8	201.5	53.0	1.3	96	19.5	181.4	53.6	0.2	97	17.6	211.7	52.2	3.1	94	19.2	211.4	53.2	0.5	96
HIGHEST			22.0	219.0	54.9	8.1	99	23.2	214.4	55.8	2.4	102	21.4	241.4	54.5	23.5	99	21.4	235.8	55.6	2.1	99
LOWEST			16.3	183.2	49.4	0.0	91	17.6	146.4	41.4	0.0	91	13.8	187.8	48.9	0.0	86	17.4	178.4	50.0	0.0	89
CV (%)			4.9	7.3	1.7	297.3	3.0	5.2	9.2	7.7	277.2	3.0	5.0	5.7	1.4	207.0	4.0	4.6	6.0	1.7	229.2	3.0
LSD (5%)			0.6	9.9	0.6	2.5	2.0	1.2	19.6	4.8	0.7	3.0	1.0	14.0	0.9	7.4	5.0	1.0	14.8	1.0	1.3	3.0

2 Year Averages 2018 - 2017			Early - TRIAL AVERAGE					Huron - Early					Mason - Early					Montcalm - 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
AgVenture AV5096AM	96	C250 1,2,4	22.4	214.6 *	49.9	1.2	95	23.1	187.8	50.1	0.7	96	22.0	245.5	49.4	1.2	93	22.1	210.4 **	50.2	1.8	95
CROPLAN 3399VT2P/RIB	93	ACC 1,2,3,4	19.8	206.3	53.1	0.9	97	19.6	195.5 *	53.5	2.3	99	19.4	233.5	53.2	0.5	95	20.5	189.8	52.7	0.0	96
CROPLAN 3499VT3P/RIB	94	ACC 1,2,3	19.4	198.6	53.4	0.7	98	19.8	182.5	53.7	1.8	100	18.7	225.0	53.3	0.0	96	19.8	188.2	53.2	0.3	97
CROPLAN 3575VT2P/RIB	95	ACC 1,2	19.3	218.2 **	53.6	0.9	95	19.6	203.5 **	53.8	2.0	98	18.6	256.5 *	53.5	0.3	92	19.6	194.5	53.4	0.3	96
CROPLAN 3795VT2P/RIB	97	ACC 1,2	20.3	210.2	51.1	0.3	98	20.0	194.9 *	47.1	0.3	99	19.4	235.5	53.4	0.5	96	21.4	200.1 *	52.9	0.2	98
DAIRYLAND SEED RPM-3715AM	96	1,2,4	21.0	211.3	50.6	1.3	95	21.4	182.2	50.7	2.9	98	20.1	258.5 **	50.9	0.7	92	21.5	193.1	50.2	0.2	96
DYNAGRO D34VC54	94	P500 1,2	18.6	210.8	52.2	4.0	98	19.1	196.4 *	52.8	10.4	99	17.1	241.0	52.0	1.0	97	19.5	194.9	51.9	0.5	99
LG SEEDS LG5410VT2RIB	91	P500 1,2,3	18.9	196.4	52.8	0.6	97	19.1	160.8	53.7	1.5	99	18.3	236.3	52.3	0.4	95	19.4	192.0	52.4	0.0	98
LG SEEDS LG5415VT2RIB	93	P500 1,2,3	17.6	199.6	53.0	5.1	96	18.8	183.5	53.4	2.7	97	15.8	222.5	52.3	12.0	95	18.1	192.8	53.4	0.6	96
RENK RK433RR	92	C250 1	19.0	204.2	53.0	1.5	97	18.3	187.9	53.5	3.3	98	18.8	229.6	52.4	0.7	96	19.8	195.2	53.0	0.6	98
RUPP XRT94-06	94	P250 1,2	19.4	203.3	53.2	0.6	96	19.8	196.3 *	53.6	1.5	99	18.8	221.4	52.9	0.2	91	19.7	192.3	53.2	0.0	99
RUPP XRD97-95	97	P250 1,2	20.1	205.2	53.2	1.3	95	20.3	180.2	53.5	2.8	97	19.7	238.0	52.8	0.8	91	20.2	197.3	53.3	0.2	97
AVERAGE			19.7	206.6	52.4	1.5	96	19.9	187.6	52.4	2.7	98	18.9	236.9	52.4	1.5	94	20.1	195.0	52.5	0.4	97
HIGHEST			22.4	218.2	53.6	5.1	98	23.1	203.5	53.8	10.4	100	22.0	258.5	53.5	12.0	97	22.1	210.4	53.4	1.8	99
LOWEST			17.6	196.4	49.9	0.3	95	18.3	160.8	47.1	0.3	96	15.8	221.4	49.4	0.0	91	18.1	188.2	50.2	0.0	95
CV (%)			4.7	6.9	1.7	462.4	4.0	4.7	8.0	5.6	773.5	3.0	4.8	5.8	1.3	191.9	5.0	4.4	6.3	1.8	703.2	3.0
LSD (5%)			0.4	6.7	0.4	3.0	2.0	0.8	12.3	2.5	7.8	2.0	0.7	10.6	0.6	3.9	4.0	0.7	10.7	0.8	2.6	3.0

3 Year Averages 2018 - 2016

			Early - TRIAL AVERAGE					Huron - Early					Mason - Early					Montcalm - Early				
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Zone 3 - HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - EARLY (97 Day and Earlier)

2018				Early - TRIAL AVERAGE					Huron - Early					Mason - Early					Montcalm - 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
CROPLAN 3399VT2P/RIB	93	ACC	1,2,3,4	19.5	207.9 *	53.4	0.9	97	18.7	191.9 *	54.3	1.6	99	20.1	240.5	52.9	0.7	96	19.8	191.2 *	52.9	0.3	97
CROPLAN 3499VT3P/RIB	94	ACC	1,2,3	19.4	200.5	53.5	0.5	98	18.9	181.1	54.6	1.2	100	19.4	228.9	53.4	0.1	95	19.8	191.4 *	52.6	0.2	98
DAIRYLAND SEED RPM-3715AM	96		1,2,4	20.8	208.9 *	50.8	0.9	95	20.1	180.9	51.9	1.9	97	20.8	254.1 **	50.7	0.4	90	21.5	191.6 *	49.8	0.4	97
DYNAGRO D34VC54	94	P500	1,2	18.7	209.6 **	52.5	2.9	98	18.3	192.7 **	53.4	7.3	100	18.1	243.3	52.4	0.9	94	19.8	192.8 *	51.7	0.6	99
RUPP XRT94-06	94	P250	1,2	19.3	204.9 *	53.5	0.4	97	18.8	191.5 *	54.5	1.0	98	19.6	227.9	53.1	0.3	92	19.4	195.2 **	52.8	0.0	100
AVERAGE				19.5	206.4	52.7	1.1	97	19.0	187.6	53.7	2.6	99	19.6	238.9	52.5	0.5	94	20.1	192.4	52.0	0.3	98
HIGHEST				20.8	209.6	53.5	2.9	98	20.1	192.7	54.6	7.3	100	20.8	254.1	53.4	0.9	96	21.5	195.2	52.9	0.6	100
LOWEST				18.7	200.5	50.8	0.4	95	18.3	180.9	51.9	1.0	97	18.1	227.9	50.7	0.1	90	19.4	191.2	49.8	0.0	97
CV (%)				4.4	6.8	1.6	413.7	5.0	4.2	7.4	4.6	680.6	3.0	4.2	6.1	1.4	190.0	7.0	4.7	6.4	1.7	574.7	3.0
LSD (5%)				0.3	5.4	0.3	2.1	2.0	0.6	9.2	1.7	5.3	2.0	0.5	9.2	0.5	3.0	4.0	0.6	8.9	0.6	1.7	2.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid