

2011 Michigan Corn Hybrids Compared
Michigan State University
Department of Crop and Soil Sciences

Zone 2 / 3 - HURON, MONTCALM & SAGINAW COUNTY GLYPHOSATE RESISTANT GRAIN TRIALS - EARLY (96 Day and Earlier)

2011				Early - TRIAL AVERAGE					Huron - Early					Montcalm - Early					Saginaw - 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
CB SEEDS CBX10T121VPGT	94			25.3	175.7	50.4	42.6	98	26.7	209.7	52.5	100.8	99	29.1	178.8	50.0	4.2	96	20.0	138.8	48.7	22.9	100
CROPLAN 3390VT3P	93	C250	1,2,3	18.0	195.5	54.9	4.5	98	20.3	228.0 *	53.7	8.9	100	18.3	191.7	55.8	2.3	99	15.4	166.7	55.3	2.2	95
CROPLAN 3514VT3	95	C250	1,2,3	20.5	201.5 *	54.8	11.7	100	22.8	214.3 *	54.3	31.3	100	21.3	203.4	55.4	3.2	100	17.3	186.7	54.8	0.6	100
CROPLAN 3632AS3/GT	96	C250	1,2,3,4	20.0	189.8	53.2	35.6	100	24.0	201.4	51.2	100.3	100	20.2	188.7	52.6	5.7	100	16.0	179.5	55.8	0.9	100
CROPLAN 3699VT3P	96	C250	1,2,3	20.4	212.2 *	53.7	4.3	94	23.2	233.5 **	52.5	10.9	95	20.8	213.6 *	53.3	1.3	93	17.2	189.4	55.2	0.6	94
DAIRYLAND SEED ST-6494	94	C250	1	18.7	187.6	53.9	36.7	100	21.5	190.6	52.8	100.0	100	19.4	194.5	54.0	4.9	99	15.2	177.6	54.9	5.2	100
DAIRYLAND SEED ST-9395SSX	95	C250	1,2,3,4,6	19.1	212.3 **	52.9	13.5	99	21.8	212.7	51.2	30.2	100	19.9	225.2 **	53.0	5.7	100	15.7	199.0 *	54.6	4.7	98
DYNAGRO D36SS39	96		1,2,3,4,6	20.3	186.5	54.1	18.4	97	22.3	189.2	52.7	50.4	95	21.8	191.2	53.4	2.3	99	16.7	179.2	56.1	2.4	96
GREAT LAKES 4041GDP	90	P500	1,2	18.5	188.1	55.7	16.9	99	20.7	201.5	56.9	33.5	99	19.2	189.8	55.0	16.1	100	15.7	172.9	55.2	1.1	100
GREAT LAKES 4282VT3PRO	92	P500	1,2,3	18.8	198.0	53.7	11.6	97	21.5	214.6 *	51.7	31.6	97	19.0	208.8 *	54.1	1.4	100	15.9	170.8	55.2	1.8	96
GREAT LAKES 4457VT3PRO	94	P500	1,2,3	20.1	190.7	55.4	10.2	97	23.1	200.6	54.9	22.7	98	20.9	193.3	55.3	6.1	93	16.3	178.2	56.0	1.7	100
GREAT LAKES 4689G3VT3	96	P500	1,2,3	20.6	205.6 *	54.5	8.1	98	23.6	204.1	53.8	20.7	100	21.3	212.8 *	53.1	1.8	97	17.0	199.8 *	56.7	1.8	98
GREAT LAKES 4840VT3PRO	98	P500	1,2	19.3	198.2	54.6	6.6	100	22.6	202.7	54.4	15.8	100	19.3	192.6	54.0	3.8	99	15.9	199.3 *	55.3	0.3	100
HYLAND SEEDS 8377	95	P250	1,2,3,4,6	19.1	186.1	52.7	33.5	100	21.4	195.5	51.9	78.1	100	20.4	191.4	51.8	16.1	100	15.4	171.4	54.3	6.3	100
HYLAND SEEDS 8386	92	P250	1,2,3,4,6	18.9	199.6	54.6	9.8	97	20.7	221.2 *	54.5	18.9	98	19.7	194.7	54.5	9.4	98	16.2	182.8	54.8	1.2	96
HYLAND SEEDS 8395	95	P250	1,2,3,4,6	19.4	195.2	52.5	30.9	100	21.7	201.6	51.3	85.4	100	20.8	211.5 *	52.0	0.6	100	15.6	172.7	54.1	6.9	99
HYLAND SEEDS 8454	94	P250	1,2,3,4,6	18.6	204.0 *	53.5	14.1	98	21.2	214.2 *	52.8	34.8	100	19.1	201.9	52.8	5.8	100	15.6	195.9 *	55.0	1.9	95
LEGACY SEEDS L-3610 VT3PRO	96	P250	1,2,3	19.8	201.5 *	53.6	12.2	100	22.1	210.1	52.4	30.8	100	20.3	194.2	54.3	4.6	100	17.0	200.3 *	54.1	1.2	100
STEYER 9007 3000GT	90	C250	1,2,3,4	18.7	198.9	52.9	32.4	98	21.3	201.0	51.2	78.5	100	19.7	205.1 *	53.4	12.0	97	15.1	190.7	54.2	6.8	99
STEYER 9503 3000GT	95	C250	1,2,3,4	21.0	205.6 *	53.5	36.3	99	23.6	201.9	55.3	100.0	98	21.9	204.1 *	51.6	0.6	100	17.5	210.7 **	53.6	8.4	99
AVERAGE				19.7	196.6	53.7	19.5	98	22.3	207.4	53.1	49.2	99	20.6	199.4	53.5	5.4	98	16.3	183.1	54.7	3.9	98
HIGHEST				25.3	212.3	55.7	42.6	100	26.7	233.5	56.9	100.8	100	29.1	225.2	55.8	16.1	100	20.0	210.7	56.7	22.9	100
LOWEST				18.0	175.7	50.4	4.3	94	20.3	189.2	51.2	8.9	95	18.3	178.8	50.0	0.6	93	15.1	138.8	48.7	0.3	94
CV (%)				3.9	7.0	2.9	95.2	3.0	5.4	6.7	3.1	62.1	2.0	2.2	7.6	2.3	71.0	3.0	2.1	6.5	3.1	235.0	3.0
LSD (5%)				0.6	11.0	1.3	15.0	2.0	1.7	19.6	2.4	43.2	3.0	0.6	21.4	1.8	5.4	4.0	0.5	16.9	2.4	13.1	4.0

2 Year Averages 2011 - 2010				Early - TRIAL AVERAGE					Huron - Early					Montcalm - Early					Saginaw - 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
HYLAND SEEDS 8454	94	P250	1,2,3,4,6	17.1	206.6 *	54.3	8.4	98	18.0	201.2 **	54.4	17.8	98	18.1	218.1 **	53.0	3.5	99	15.0	200.5 *	55.4	4.0	97
LEGACY SEEDS L-3610 VT3PRO	96	P250	1,2,3	18.3	207.5 **	55.3	7.8	99	18.8	197.9 *	54.6	16.4	100	19.5	217.9 *	54.9	2.5	99	16.5	206.8 **	56.4	4.5	100
AVERAGE				17.7	207.0	54.8	8.1	99	18.4	199.5	54.5	17.1	99	18.8	218.0	54.0	3.0	99	15.8	203.7	55.9	4.2	98
HIGHEST				18.3	207.5	55.3	8.4	99	18.8	201.2	54.6	17.8	100	19.5	218.1	54.9	3.5	99	16.5	206.8	56.4	4.5	100
LOWEST				17.1	206.6	54.3	7.8	98	18.0	197.9	54.4	16.4	98	18.1	217.9	53.0	2.5	99	15.0	200.5	55.4	4.0	97
CV (%)				3.1	7.0	2.9	75.4	4.0	4.0	7.9	3.5	48.3	4.0	2.3	6.7	2.4	57.6	4.0	2.1	6.3	3.0	206.4	3.0
LSD (5%)				0.3	7.9	0.9	7.7	2.0	0.9	16.1	1.9	21.5	4.0	0.5	13.6	1.3	2.8	4.0	0.3	11.6	1.6	8.6	3.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

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Zone 2 / 3 - HURON, MONTCALM & SAGINAW COUNTY GLYPHOSATE RESISTANT GRAIN TRIALS - LATE (100 Day and Later)

2011				Late - TRIAL AVERAGE					Huron - Late					Montcalm - 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
BAYSIDE 9097 3111GT	97		1,2,3,4,6	20.2	193.9	53.2	13.4	94	23.6	205.4	52.1	34.6	97	20.3	198.3	53.7	4.9	98	16.9	178.1	53.7	0.7	87
CROPLAN 3737VT2P	97	C250	1,2	21.3	199.7	52.6	11.2	99	24.4	211.5	51.6	27.0	100	21.8	173.7	52.1	6.6	100	17.7	214.1 *	54.1	0.0	98
CROPLAN 4136VT3P	100	C250	1,2,3	21.3	197.3	53.8	2.7	95	23.9	232.0 *	52.1	4.3	99	21.8	199.6	54.5	3.3	95	18.0	160.3	54.7	0.6	90
CROPLAN 4338SS	100	C250	1,2,3,4,6	22.1	203.5	52.9	5.5	98	24.6	223.5 *	52.0	15.2	100	23.9	222.6 *	51.8	0.6	100	17.9	164.4	54.8	0.6	95
CROPLAN 4721VT3P	102	C250	1,2,3	20.4	213.2 *	52.1	13.6	97	22.6	189.0	50.8	38.0	100	21.5	232.9 **	51.3	2.0	96	17.0	217.9 **	54.1	0.9	97
CROPLAN 5237SS	102	C250	1,2,3,4,6	23.0	198.5	51.7	6.5	99	26.9	219.5 *	51.5	16.7	100	23.6	188.6	51.9	2.9	99	18.6	187.3	51.6	0.0	98
CROPLAN 5438SS	104	C250	1,2,3,4,6	23.0	197.3	52.6	2.6	100	25.5	224.2 *	52.8	5.7	99	24.4	221.6 *	50.9	1.4	100	19.1	146.2	54.2	0.6	100
DAIRYLAND SEED ST-9399	99	C250	1,2,3,4,6	20.9	199.6	52.9	32.4	97	25.3	202.5	50.6	88.1	96	21.0	216.4	53.2	7.3	99	16.4	179.9	55.0	1.8	96
DAIRYLAND ST-9799	99	C250	1,2,3	20.4	208.0	53.9	14.9	97	22.7	194.6	52.5	41.2	99	21.4	229.7 *	53.7	3.1	100	17.3	199.7	55.5	0.3	91
DYNAGRO D40SS09	101		1,2,3,4,6	22.2	206.4	52.1	14.0	99	25.4	208.6	50.9	38.4	98	22.9	211.6	51.0	3.7	100	18.4	199.0	54.3	0.0	99
DYNAGRO D44SS49	104		1,2,3,4,6	23.4	210.6 *	51.0	10.5	97	26.7	220.7 *	51.5	25.3	97	24.2	210.4	50.8	3.2	98	19.3	200.8	50.6	3.0	96
DYNAGRO V3883VT3	98		1,2,3	21.1	197.4	52.8	12.6	92	24.1	196.5	50.7	31.7	92	21.9	202.2	51.9	2.8	94	17.4	193.5	55.9	3.2	92
GREAT LAKES 5157G3VT3	101	P500	1,2,3	21.5	207.8	53.9	10.2	99	24.2	225.2 *	53.2	19.3	100	22.8	194.0	53.8	8.2	98	17.4	204.2 *	54.9	3.2	100
GREAT LAKES 5245G3VT3	102	P500	1,2,3	22.7	205.4	50.1	22.5	97	26.7	220.3 *	48.8	66.1	100	23.4	218.1 *	50.2	0.3	100	17.9	177.8	51.3	1.2	90
HYLAND SEEDS HL4424	98	P250	1,2,3,4,6	21.3	203.4	52.7	23.3	99	25.6	207.8	51.5	56.6	100	21.8	203.5	52.4	8.1	99	16.5	199.0	54.1	5.2	99
HYLAND SEEDS HL4490	100	P250	1,2,3,4	21.6	192.5	53.6	7.5	95	25.1	216.2	51.6	18.2	99	21.8	209.5	54.2	3.2	100	18.0	151.8	55.2	1.3	85
HYLAND SEEDS 8491	99	P250	1,2,3,4,6	22.1	215.8 *	52.8	6.2	98	23.8	223.7 *	52.0	16.7	97	24.3	219.3 *	51.8	0.3	99	18.2	204.6 *	54.7	1.7	100
HYLAND SEEDS 8677	108	P250	1,2,3,4,6	24.6	205.9	50.4	23.6	100	26.6	197.1	49.1	66.7	100	28.0	210.4	48.8	1.1	99	19.2	210.4 *	53.4	3.2	100
HYLAND SEEDS HLCVR68	98	P250	1,2,3	21.7	204.7	54.7	17.1	100	24.8	211.8	52.9	43.4	100	21.9	193.1	55.7	6.3	100	18.4	209.3 *	55.6	1.5	99
LEGACY SEEDS L-3910 3000GT	99	C250	1,2,3,4	21.2	213.1 *	52.4	27.4	99	23.5	221.0 *	52.0	48.1	100	22.9	217.6 *	50.7	1.2	98	17.4	200.8	54.5	32.8	99
LEGACY SEEDS L-4010 VT3PRO	100	P250	1,2,3	21.4	200.4	54.7	6.2	93	24.8	221.0 *	53.6	13.2	100	21.6	195.8	54.0	5.4	95	17.8	184.3	56.6	0.0	85
STEYER 10002 RR	100	P250	1	21.8	211.4 *	53.1	7.5	98	24.6	224.5 *	51.6	19.3	100	22.9	212.5	53.2	2.0	99	17.9	197.1	54.4	1.2	95
STEYER 10003 HXTRR	100	C250	1,2,3,4,6	22.5	197.3	52.2	12.7	100	24.1	217.3 *	51.1	35.6	100	24.3	194.2	52.1	2.3	100	19.1	180.5	53.5	0.3	99
STEYER 10201 VIP3111	102	C250	1,2,3,4,6	21.5	217.9 **	52.6	16.1	99	24.0	234.3 **	51.5	42.9	99	21.9	223.8 *	51.9	2.6	100	18.7	195.6	54.5	2.9	99
AVERAGE				21.8	204.2	52.7	13.3	98	24.7	214.5	51.6	33.8	99	22.8	208.3	52.3	3.5	99	17.9	189.8	54.2	2.8	95
HIGHEST				24.6	217.9	54.7	32.4	100	26.9	234.3	53.6	88.1	100	28.0	232.9	55.7	8.2	100	19.3	217.9	56.6	32.8	100
LOWEST				20.2	192.5	50.1	2.6	92	22.6	189.0	48.8	4.3	92	20.3	173.7	48.8	0.3	94	16.4	146.2	50.6	0.0	85
CV (%)				4.4	5.7	2.8	137.5	5.0	5.6	5.8	3.1	91.0	4.0	3.2	5.4	2.1	63.6	3.0	2.9	6.0	3.0	276.7	7.0
LSD (5%)				0.8	9.4	1.2	14.8	4.0	2.0	17.4	2.3	43.4	5.0	1.0	15.8	1.6	3.1	4.0	0.7	16.1	2.3	10.7	9.0

2 Year Averages 2011 - 2010				Late - TRIAL AVERAGE					Huron - Late					Montcalm - 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
CROPLAN 5237SS	102	C250	1,2,3,4,6	21.3	209.1	52.9	3.8	98	21.7	199.1 *	54.1	9.1	96	23.6	223.5 *	51.3	1.4	98	18.6	204.8	53.5	0.7	99
DYNAGRO D40SS09	101		1,2,3,4,6	20.0	205.4	54.0	7.6	95	20.7	187.8 *	54.2	20.1	94	21.5	222.1 *	52.6	2.0	93	17.7	206.3	55.3	0.6	98
DYNAGRO D44SS49	104		1,2,3,4,6	21.5	217.5 **	53.0	6.9	96	21.9	201.5 **	55.2	14.4	96	23.7	232.0 **	50.7	1.6	95	19.1	219.1 *	53.0	4.7	96
HYLAND SEEDS HLCVR68	98	P250	1,2,3	19.7	211.2 *	55.8	9.1	99	20.5	191.4 *	55.5	22.3	98	20.8	221.4 *	55.4	3.4	100	17.9	220.8 **	56.6	1.5	99
AVERAGE				20.6	210.8	53.9	6.8	97	21.2	194.9	54.8	16.5	96	22.4	224.7	52.5	2.1	96	18.3	212.7	54.6	1.9	98
HIGHEST				21.5	217.5	55.8	9.1	99	21.9	201.5	55.5	22.3	98	23.7	232.0	55.4	3.4	100	19.1	220.8	56.6	4.7	99
LOWEST				19.7	205.4	52.9	3.8	95	20.5	187.8	54.1	9.1	94	20.8	221.4	50.7	1.4	93	17.7	204.8	53.0	0.6	96
CV (%)				4.1	6.7	2.9	116.3	5.0	4.5	7.3	3.4	74.7	5.0	4.0	6.8	2.2	73.3	6.0	3.5	6.0	3.0	305.8	5.0
LSD (5%)				0.5	7.9	0.9	7.7	3.0	1.1	15.2	1.8	21.7	5.0	0.9	14.3	1.1	2.2	6.0	0.6	11.6	1.6	8.3	5.0

3 Year Averages 2011 - 2009				Late - TRIAL AVERAGE					Huron - Late					Montcalm - 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
DYNAGRO D44SS49	104		1,2,3,4,6	24.6	209.9	52.4	4.8	96	25.6	196.7	53.8	9.8	96	26.5	223.8	50.8	1.3	97	21.7	209.3	52.7	3.2	97

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid