

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

Preliminary Grain Yield Data - 2008

Zone 2 - INGHAM & SAGINAW COUNTY GRAIN TRIALS - EARLY (101 Day and Earlier)

2008				EARLY - TRIAL AVERAGE					INGHAM - EARLY					SAGINAW - EARLY					KENT - EARLY																		
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sc	%H2O	BU/A	Twt	%SL	%Sc	%H2O	BU/A	Twt	%SL	%Sc	%H2O	BU/A	Twt	%SL	%Sc														
AGRIGOLD A6225VT3	98	P250	1,2,3,11	19.8	####	*	###	0.2	99	15.7	####	###	0.0	100	23.8	####	**	###	0.4	97	20.2	####	*	###	0.7	99											
AGRIGOLD A6279VT3	101	P250	1,2,3	22.3	####	*	###	0.5	98	17.3	####	###	0.7	98	27.2	####	###	0.3	98	21.1	####	###	0.3	98	21.1	####	###	0.3	98								
BAYSIDE 5100RR	100	P250	1	21.2	####	**	###	0.4	100	16.4	####	*	###	0.7	99	25.9	####	*	###	0.0	100	21.8	####	*	###	0.0	97	21.8	####	*	###	0.0	97				
BAYSIDE 5101YGCBBR	101	P250	1,2	22.2	####	###	0.2	100	17.0	####	*	###	0.0	99	27.3	####	###	0.3	100	23.6	####	*	###	0.0	96	23.6	####	*	###	0.0	96						
BAYSIDE 5518RR	95	P250	1	20.6	####	###	0.7	98	16.1	####	###	0.0	97	25.1	####	###	1.4	99	20.7	####	###	0.0	95	20.7	####	###	0.0	95	20.7	####	###	0.0	95				
BAYSIDE 6094YGCBBR	94		1,2	18.0	####	*	###	0.4	100	15.1	####	###	0.0	99	20.8	####	*	###	0.7	100	18.3	####	###	0.3	99	18.3	####	###	0.3	99	18.3	####	###	0.3	99		
BAYSIDE 6096	96			21.2	####	###	2.1	97	16.3	####	###	3.5	98	26.1	####	###	0.7	96	26.1	####	###	0.7	96	26.1	####	###	0.7	96	26.1	####	###	0.7	96				
BAYSIDE 7098VT3	98		1,2,3	19.2	####	###	1.5	99	15.7	####	###	1.0	99	22.7	####	###	2.0	99	19.5	####	###	1.3	100	19.5	####	###	1.3	100	19.5	####	###	1.3	100				
BAYSIDE 72001	101	C250		19.3	####	###	0.8	92	16.1	####	###	0.4	92	22.5	####	###	1.1	92	22.5	####	###	1.1	92	22.5	####	###	1.1	92	22.5	####	###	1.1	92				
CROPLAN 3688VT3	97	C250	1,2,3	19.0	####	###	0.0	99	15.3	####	###	0.0	98	22.6	####	###	0.0	100	19.4	####	###	1.3	99	19.4	####	###	1.3	99	19.4	####	###	1.3	99				
CROPLAN 3724VT3	96	C250	1,2,3	20.1	####	###	0.2	98	17.0	####	###	0.3	97	23.2	####	###	0.0	98	19.9	####	###	0.0	97	19.9	####	###	0.0	97	19.9	####	###	0.0	97				
CROPLAN 421VT3	101	C250	1,2,3	19.6	####	*	###	1.0	98	15.5	####	###	1.0	100	23.7	####	###	1.0	96	20.2	####	###	0.0	99	20.2	####	###	0.0	99	20.2	####	###	0.0	99			
CROWS 1807VT3	97	C250	1,2,3	20.1	####	*	###	0.3	99	16.5	####	*	###	0.3	98	23.7	####	###	0.3	100	20.4	####	###	0.7	97	20.4	####	###	0.7	97	20.4	####	###	0.7	97		
CROW'S 1928R	99	C250	1	20.8	####	###	0.8	100	15.6	####	###	0.6	100	25.9	####	###	1.0	100	22.5	####	*	###	0.3	100	22.5	####	*	###	0.3	100	22.5	####	*	###	0.3	100	
DAIRYLAND STEALTH-9196	96	P250	1,2,3	19.6	####	###	0.2	100	16.6	####	###	0.3	100	22.6	####	###	0.0	100	19.3	####	###	0.6	100	19.3	####	###	0.6	100	19.3	####	###	0.6	100				
DAIRYLAND STEALTH-9799	99	P250	1,2,3	20.3	####	*	###	0.0	99	15.3	####	*	###	0.0	100	25.3	####	*	###	0.0	98	20.2	####	###	0.3	97	20.2	####	###	0.3	97	20.2	####	###	0.3	97	
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	18.9	####	###	0.5	100	15.3	####	###	0.3	99	22.4	####	###	0.7	100	19.3	####	###	0.7	99	19.3	####	###	0.7	99	19.3	####	###	0.7	99				
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	18.8	####	###	0.2	98	16.0	####	###	0.3	99	21.6	####	###	0.0	97	18.9	####	###	5.4	98	18.9	####	###	5.4	98	18.9	####	###	5.4	98				
DEKALB DKC48-46 (RR2/YGPL)	98	P250	1,2,3	18.7	####	*	###	1.2	100	16.3	####	*	###	1.6	100	21.0	####	###	0.7	99	18.9	####	*	###	0.6	99	18.9	####	*	###	0.6	99					
DEKALB DKC50-19 (VT3)	100	P250	1,2,3	19.2	####	###	0.5	100	16.0	####	###	0.6	99	22.3	####	###	0.3	100	19.1	####	###	0.3	100	19.1	####	###	0.3	100	19.1	####	###	0.3	100				
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	20.1	####	###	0.7	100	16.8	####	###	0.7	100	23.4	####	###	0.7	100	20.3	####	*	###	0.7	99	20.3	####	*	###	0.7	99	20.3	####	*	###	0.7	99	
DYNAGRO 54T42	100	P250	1,2,3,4	20.6	####	###	3.8	98	17.0	####	###	3.9	97	24.1	####	###	3.6	99	22.3	####	*	###	0.3	99	22.3	####	*	###	0.3	99	22.3	####	*	###	0.3	99	
DYNAGRO 54V78	96	P250	1,2,3,14	18.2	####	*	###	1.0	99	15.3	####	*	###	1.3	99	21.0	####	###	0.7	99	18.6	####	###	0.0	96	18.6	####	###	0.0	96	18.6	####	###	0.0	96		
DYNAGRO 55V18	99	P250	1,2,3,14	19.8	####	###	0.7	97	16.9	####	*	###	0.3	95	22.7	####	###	1.0	99	20.2	####	###	1.4	93	20.2	####	###	1.4	93	20.2	####	###	1.4	93			
DYNAGRO CX08097	97	P250	1	19.9	####	###	0.9	94	16.6	####	###	0.3	96	23.1	####	###	1.5	92	20.3	####	###	1.1	88	20.3	####	###	1.1	88	20.3	####	###	1.1	88				
FIELDERS CHOICE NG6520	98	P250	1,2,3	19.3	####	*	###	0.5	100	15.3	####	###	0.3	100	23.2	####	###	0.7	100	19.9	####	*	###	0.3	100	19.9	####	*	###	0.3	100	19.9	####	*	###	0.3	100
G2 GENETICS 5H-298 RR/HX	96	P250	1,2,4	19.0	####	###	0.7	100	15.4	####	###	0.7	100	22.5	####	###	0.7	100	20.2	####	###	0.0	100	20.2	####	###	0.0	100	20.2	####	###	0.0	100				
G2 GENETICS 5H-501 RR.HX	100	P250	1,2,4	21.8	####	*	###	0.0	94	17.7	####	*	###	0.0	92	25.8	####	*	###	0.0	96	22.8	####	###	0.0	90	22.8	####	###	0.0	90	22.8	####	###	0.0	90	
G2 GENETICS 5H-702 RR/HX	101	P250	1,2,4	21.2	####	*	###	0.9	98	16.5	####	*	###	1.7	97	25.9	####	*	###	0.0	98	23.5	####	*	###	0.0	95	23.5	####	*	###	0.0	95				
GREAT LAKES 4689G3VT3	96	P250	1,2,3	20.3	####	*	###	0.2	98	15.8	####	###	0.0	96	24.7	####	*	###	0.4	99	20.7	####	###	0.0	96	20.7	####	###	0.0	96	20.7	####	###	0.0	96		
GREAT LAKES 4951G3VT3	99	P250	1,2,3	20.7	####	*	###	0.4	95	17.5	####	*	###	0.4	93	23.8	####	###	0.3	97	20.4	####	*	###	0.0	94	20.4	####	*	###	0.0	94					
HYLAND SEEDS HLB49R	100	P250	1,2	21.9	####	###	0.4	100	16.5	####	###	0.7	99	27.3	####	###	0.0	100	21.6	####	###	0.7	100	21.6	####	###	0.7	100	21.6	####	###	0.7	100				
HYLAND SEEDS HLCVR72	98	P250	1,2,3	20.3	####	*	###	0.6	97	17.7	####	**	###	0.7	96	22.9	####	###	0.4	97	20.2	####	###	0.7	96	20.2	####	###	0.7	96	20.2	####	###	0.7	96		
HYLAND SEEDS HLCVR73	99	P250	1,2,3	20.6	####	*	###	0.2	98	17.8	####	*	###	0.0	97	23.4	####	###	0.4	99	19.4	####	###	0.7	96	19.4	####	###	0.7	96	19.4	####	###	0.7	96		
HYLAND SEEDS HLCVR74	99	P250	1,2,3	21.0	####	###	0.2	100	15.1	####	###	0.0	100	26.9	####	###	0.3	100	24.3	####	###	0.0	100	24.3	####	###	0.0	100	24.3	####	###	0.0	100				
LEGACY SEEDS L-3295VT3	96	P250	1,2,3	17.7	####	###	0.5	99	14.8	####	###	1.0	98	20.5	####	###	0.0	100	18.6	####	###	0.0	100	18.6	####	###	0.0	100	18.6	####	###	0.0	100				
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	20.3	####	*	###	1.0	99	17.6	####	*	###	0.6	98	22.9	####	###	1.3	100	20.1	####	###	1.0	98	20.1	####	###	1.0	98	20.1	####	###	1.0	98		
LEGACY SEEDS L-4050VT3	100	P250	1,2,3	19.5	####	###	0.4	99	16.1	####	###	0.0	100	22.9	####	###	0.7	98	19.9	####	###	2.0	98	19.9	####	###	2.0	98	19.9	####	###	2.0	98				
Midwest Seed Genetics 69704VT3	97	C250	1,2,3	19.9	####	###	0.2	100	15.3	####	###	0.3	100	24.4	####	###	0.0	100	20.3	####	###	0.0	100	20.3	####	###	0.0	100	20.3	####	###	0.0	100				
Midwest Seed Genetics 69805VT3	98	C250	1,2,3	18.9	####	###	2.0	94	15.2	####	###	0.3	100	22.5	####	###	3.6	88	19.8	####	###	0.7	99	19.8	####												

2008				EARLY - TRIAL AVERAGE					INGHAM - EARLY					SAGINAW - EARLY					KENT - EARLY							
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sc	%H2O	BU/A	Twt	%SL	%Sc	%H2O	BU/A	Twt	%SL	%Sc	%H2O	BU/A	Twt	%SL	%Sc			
TRELAY 5T128	100	P250	1,2,3	20.6	####	*	###	1.0	100	16.1	####	###	0.3	100	25.1	####	*	###	1.7	100	21.7	####	**	###	0.0	99
VIGORO V3883VT3	98	P250	1,2,3	20.5	####	###	0.5	95	15.5	####	###	0.6	95	25.5	####	###	0.3	95	20.5	####	###	0.0	90			
AVERAGE				20.0	####	###	0.7	98	16.2	####	###	0.7	98	23.7	####	###	0.7	98	20.6	####	###	0.5	97			
HIGHEST				22.3	####	###	3.8	100	18.2	####	###	3.9	100	27.5	####	###	3.7	100	24.7	####	###	5.4	100			
LOWEST				17.7	####	###	0.0	92	14.8	####	###	0.0	92	19.9	####	###	0.0	88	17.9	####	###	0.0	88			
CV (%)				5.1	7.1	1.5	####	4.0	7.4	9.6	1.8	####	3.0	3.4	4.7	1.0	###	5.0	4.6	5.6	1.8	###	3.0			
LSD (5%)				1.0	13.3	0.8	1.4	4.0	1.4	19.1	1.2	1.7	3.0	1.0	11.6	0.6	1.6	6.0	1.3	17.5	1.3	1.8	5.0			

Preliminary Grain Yield Data - 2008

Zone 2 - INGHAM & SAGINAW COUNTY GRAIN TRIALS - EARLY (101 Day and Earlier)

2 Year Averages 2008 - 2007				EARLY - TRIAL AVERAGE					INGHAM - EARLY					SAGINAW - EARLY					KENT - EARLY										
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sc	%H2O	BU/A	Twt	%SL	%Sc	%H2O	BU/A	Twt	%SL	%Sc	%H2O	BU/A	Twt	%SL	%Sc						
BAYSIDE 5100RR	100	P250	1	19.9	####	*	###	1.1	99	16.7	####	###	1.7	99	23.1	####	**	###	0.5	99	not published in 2007								
BAYSIDE 5518RR	95	P250	1	19.4	####	###	1.2	98	16.2	####	###	1.4	97	22.5	####	###	1.0	99											
BAYSIDE 6094YGCBBRR	94		1,2	17.5	####	###	0.6	97	15.9	####	###	0.7	96	19.1	####	###	0.5	97											
BAYSIDE 6096	96			20.3	####	###	1.8	98	17.3	####	###	2.4	98	23.2	####	###	1.2	98											
CROWS 1807VT3	97	C250	1,2,3	18.9	####	*	###	0.6	99	16.6	####	*	###	0.7	98	21.2	####	###	0.5	100									
DAIRYLAND STEALTH-9799	99	P250	1,2,3	18.8	####	*	###	0.2	100	15.9	####	###	0.3	100	21.7	####	*	###	0.0	99									
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	17.7	####	*	###	0.3	99	15.6	####	###	0.2	99	19.7	####	###	0.3	98										
DEKALB DKC48-46 (RR2/YGPL)	98	P250	1,2,3	17.3	####	*	###	1.6	100	15.3	####	###	1.4	100	19.2	####	###	1.8	100										
DYNAGRO 54T42	100	P250	1,2,3,4	19.7	####	###	2.7	96	17.3	####	###	2.8	95	22.0	####	###	2.5	97											
DYNAGRO 55V18	99	P250	1,2,3,14	18.7	####	*	###	0.9	98	16.7	####	*	###	1.0	96	20.7	####	###	0.7	99									
Midwest Seed Genetics 69704VT3	97	C250	1,2,3	18.6	####	###	0.5	100	15.8	####	###	0.7	100	21.3	####	###	0.2	99											
NuTech 3P-302 RR/YGPL	101	C250	1,2,3	21.1	####	**	###	0.9	97	18.6	####	**	###	1.5	97	23.5	####	###	0.3	97									
PIONEER 37Y14	99	P250	1,2,3,4,11,12	18.9	####	###	0.6	98	17.5	####	###	0.5	95	20.3	####	###	0.7	100											
SEED CONSULTANTS SC9VTT38	93	C250	1,2,3	17.1	####	###	0.9	99	14.9	####	###	0.8	98	19.3	####	###	1.0	99											
TRELAY 4T722	97	P250	1,2,3	18.5	####	*	###	0.5	97	15.6	####	###	0.7	97	21.4	####	###	0.3	97										
AVERAGE				18.8	####	###	1.0	98	16.4	####	###	1.1	98	21.2	####	###	0.8	98											
HIGHEST				21.1	####	###	2.7	100	18.6	####	###	2.8	100	23.5	####	###	2.5	100											
LOWEST				17.1	####	###	0.2	96	14.9	####	###	0.2	95	19.1	####	###	0.0	97											
CV (%)				4.4	6.2	1.2	####	4.0	6.2	8.0	1.5	####	3.0	2.9	4.6	0.8	###	4.0											
LSD (5%)				0.8	11.7	0.6	1.4	4.0	0.8	11.3	0.7	1.3	3.0	0.6	8.1	0.4	1.1	4.0											

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

Kent County Plot mistakenly sprayed with Round up, non RR hybrids were destroyed and have no data to report. Kent data not included in trial average.