

2019 Michigan Corn Hybrids Compared
Michigan State University
Department of Plant, Soil and Microbial Sciences

Preliminary Grain Yield Data - 2019

Zone 2 - INGHAM COUNTY CONVENTIONAL GRAIN TRIAL - EARLY (101 Day and Earlier)

BRAND / HYBRID	RM	TRT	TRAIT	2019					2019 - 2018					2019 - 2017				
				%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
AGRIGOLD A629-22	99	P500	Conv.	34.0	163.5	48.8	1.0	90										
BLUE RIVER 26B78	88	P250	Conv.	30.2	151.6	48.2	11.7	98										
BLUE RIVER 27B16	88	P250	Conv.	31.2	133.3	48.7	20.9	95										
BLUE RIVER 33A16	92	P250	Conv.	33.0	130.8	47.9	5.7	87										
BLUE RIVER 38G54	96	P250	Conv.	33.7	140.8	48.2	4.1	76	25.0	171.3	51.3	3.6	86	21.6	181.3 *	52.5	3.3	85
FS InVision FS45S00	95	C250	Conv.	29.0	182.8 **	47.8	5.9	95										
FS InVision FS50A00	100	C250	Conv.	34.4	152.9	47.7	2.2	91										
KingFisher 49C60	99		Conv.	33.4	146.6	47.8	3.3	90										
LEGACY SEEDS L-3438 CONV	94	CM250	Conv.	27.2	160.0	49.2	2.8	96										
LEGACY SEEDS L-3517 CONV	95	CM250	Conv.	31.6	173.0 *	48.7	0.3	90										
LEGACY SEEDS L-4148 CONV	100	CM250	Conv.	37.8	167.1	48.9	3.6	88										
LG SEEDS LG5470	98	P500	Conv.	33.3	148.5	47.5	1.0	81	25.5	170.8	50.5	0.5	71	21.9	180.0 *	51.9	1.3	80
LG SEEDS LG5505	100	P500	Conv.	35.5	146.7	47.6	1.1	82										
M&W SEEDS 47J64	94	C250	Conv.	30.9	159.0	48.8	1.6	92	23.7	162.7	51.7	0.8	76	20.6	178.9 *	52.8	1.1	81
M&W SEEDS 47R22	94	C250	Conv.	27.5	145.1	50.2	2.2	92										
M&W SEEDS 45P33	100	C250	Conv.	35.1	160.8	48.1	0.3	83	25.9	177.8 *	50.5	0.2	89					
RENK RK568	95	P250	Conv.	33.8	154.7	48.7	0.7	83										
RUPP XRA97-55	97	P250	Conv.	32.2	168.1 *	48.9	0.3	90										
VIKING O.84-95UP	95	C250	Conv.	32.4	177.2 *	48.7	0.6	92	24.9	186.0 **	51.0	0.3	92	21.3	186.1 **	52.4	1.0	91
VIKING O.98-98P	98	C250	Conv.	32.4	163.3	47.9	0.0	79	24.6	154.3	51.1	4.9	88					
VIKING O.85-00P	100	C250	Conv.	35.6	162.4	47.6	2.8	89										
AVERAGE				32.6	156.6	48.4	3.4	88	24.9	170.5	51.0	1.7	84	21.4	181.6	52.4	1.7	84
HIGHEST				37.8	182.8	50.2	20.9	98	25.9	186.0	51.7	4.9	92	21.9	186.1	52.8	3.3	91
LOWEST				27.2	130.8	47.5	0.0	76	23.7	154.3	50.5	0.2	71	20.6	178.9	51.9	1.0	80

CV (%)	4.3	8.0	1.2	192.6	8.0	4.3	9.9	1.5	177.1	16.0	3.9	9.6	1.3	169.4	14.0
LSD (5%)	1.7	14.8	0.7	7.8	9.0	1.1	13.3	0.7	5.0	13.0	0.8	10.8	0.5	3.7	9.0

** Highest Yielding Hybrid
* Not Significantly Different from Highest Yielding Hybrid

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[illegible]

WELLMAN W2902	102	Conv.	38.8	133.7	47.2	0.7	80						
WELLMAN W2906	106	Conv.	40.3	135.9	47.1	14.3	72						
WELLMAN W2910	110	Conv.	45.1	122.4	50.1	7.2	86						
AVERAGE			40.5	128.5	47.7	5.8	84	30.8	163.8	50.3	3.1	88	
HIGHEST			45.1	154.6	50.1	18.1	92	34.1	176.5	51.0	6.5	91	
LOWEST			35.8	101.8	45.6	0.3	72	29.0	148.5	49.3	0.2	83	
CV (%)			5.6	10.5	1.6	166.4	12.0	5.6	19.0	1.8	144.4	12.0	
LSD (5%)			2.7	15.9	0.9	11.4	12.0	1.7	22.5	0.7	5.9	9.0	

** Highest Yielding Hybrid

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