

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

Preliminary Grain Yield Data - 2018

Zone 1 - BRANCH, CASS & WASHTENAW COUNTY GRAIN TRIALS - LATE (108 Day and Later)

2018			Late - TRIAL AVERAGE					Branch - Late					Cass - Late					Washtenaw - 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	
AGRIGOLD A639-40VT2RIB	109	P500 1,2	23.1	231.9 *	52.9	0.0	96	25.5	223.9 *	51.6	0.0	95	20.7	239.8	54.1	0.0	96						
AGRIGOLD A641-78STXRIB	111	P500 1,2,3,4	24.4	235.7 *	53.6	0.9	97	27.0	219.4 *	52.5	1.8	97	21.8	252.0 *	54.7	0.0	96						
BRODBECK 48PW09E	109	C500 1,2,4	21.9	226.9	53.0	1.9	95	23.7	211.3 *	51.4	1.9	94	20.0	242.5 *	54.5	1.8	96						
BRODBECK 46RA05	112	C500 1,2,4	20.9	221.8	53.9	0.2	96	23.2	211.5 *	52.2	0.3	93	18.6	232.0	55.5	0.0	98						
CHANNEL 209-15 STXRIB	109	A500 1,2,3,4	22.7	217.3	52.9	0.8	94	25.7	205.0	51.4	1.5	95	19.6	229.6	54.4	0.0	93						
CHANNEL 213-19 STXRIB	113	A500 1,2,3,4	24.5	225.8	54.1	0.0	94	27.9	218.7 *	52.8	0.0	95	21.1	232.9	55.4	0.0	93						
DAIRYLAND SEED DS-9508RA	108	C5001,2,3,4,6	22.2	215.1	52.0	0.6	96	24.6	196.4	50.8	1.2	95	19.8	233.8	53.1	0.0	96						
DAIRYLAND SEED EXP-10813	108	1,2,4	21.0	225.7	52.4	0.0	95	22.2	206.8	50.7	0.0	96	19.7	244.6 *	54.1	0.0	93						
DAIRYLAND SEED RPM-4816AM	108	1,2,4	21.5	226.9	54.5	2.1	98	23.4	210.4 *	53.1	4.1	96	19.5	243.3 *	55.9	0.0	100						
DAIRYLAND SEED DS-7909PE	109	C500 1,2,4,6	22.1	234.8 *	52.5	0.8	97	23.6	212.5 *	52.0	1.5	98	20.6	257.1 *	53.0	0.0	95						
DAIRYLAND SEED RPM-5018AM	109	1,2,4	21.4	229.9 *	52.3	0.5	96	22.3	213.7 *	51.1	0.9	94	20.5	246.0 *	53.4	0.0	97						
DAIRYLAND SEED DS-9510RA	110	C5001,2,3,4,6	25.1	233.0 *	51.9	0.0	96	27.7	211.3 *	50.8	0.0	95	22.5	254.6 *	53.0	0.0	97						
DAIRYLAND SEED EXP-11015	110	1,2,4	22.6	222.5	52.9	1.4	93	24.6	199.1	51.8	2.7	95	20.6	245.8 *	53.9	0.0	91						
DAIRYLAND SEED EXP-11020	110	1,2,4	22.7	212.6	53.3	0.6	95	24.6	203.6	52.2	1.1	96	20.7	221.6	54.3	0.0	93						
DYNAGRO D49VC70	109	P500 1,2	21.9	224.2	54.3	0.2	94	23.6	209.8 *	52.8	0.3	93	20.2	238.5	55.8	0.0	94						
GOLDEN HARVEST G08M20-3010	108	C500 1,2,4	21.9	216.7	53.8	0.3	93	24.1	216.3 *	52.5	0.6	94	19.6	217.0	55.0	0.0	91						
GOLDEN HARVEST G09A86-3110	109	C500 1,2,4,6	22.3	211.4	51.5	0.9	96	24.5	204.2	50.1	1.8	97	20.1	218.5	52.8	0.0	95						
GOLDEN HARVEST G09Y24-3220A	109	C500 1,2,3,4	22.5	215.9	52.2	0.2	98	24.4	196.3	51.0	0.3	99	20.6	235.4	53.3	0.0	96						
LEGACY SEEDS L-6918 SSX	108	A500 1,2,3,4	21.7	221.3	54.0	2.2	98	22.5	197.6	53.2	4.4	100	20.9	245.0 *	54.8	0.0	95						
LG SEEDS LG5565STXRIB	108	P500 1,2,3,4	20.9	225.8	54.6	0.5	97	23.0	217.6 *	53.1	0.9	99	18.8	233.9	56.1	0.0	94						
LG SEEDS LG59C66VT2PRO	109	P500 1,2,3	22.0	241.7 **	54.4	0.6	95	23.5	223.6 *	53.5	1.2	96	20.4	259.7 **	55.2	0.0	94						
LG SEEDS LG5590VT2RIB	110	P500 1,2,3	23.7	234.8 *	52.6	0.2	97	26.6	219.1 *	51.1	0.3	95	20.8	250.5 *	54.0	0.0	98						
M&W SEEDS 44D81	108	P250 1,2	21.8	223.8	54.2	0.0	96	23.5	214.2 *	52.4	0.0	97	20.0	233.4	55.9	0.0	95						
M&W SEEDS 44R77	108	P250 1,2	20.7	229.6 *	53.2	0.0	97	22.5	211.4 *	52.2	0.0	96	18.8	247.7 *	54.2	0.0	97						
NK Brand NK0886-3010	108	C250 1,2,4	21.3	213.3	53.8	0.0	94	23.0	191.8	52.7	0.0	94	19.5	234.7	54.8	0.0	93						
NK Brand NK0962-3220A	109	C2501,2,3,4,6	21.4	210.8	52.3	0.5	96	22.6	188.1	51.2	0.9	97	20.1	233.4	53.4	0.0	95						
RENK RK763VT2P	108	C250 1,2	21.0	221.2	52.6	0.3	97	22.8	203.4	51.0	0.6	97	19.2	238.9	54.2	0.0	96						

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2018			Late - TRIAL AVERAGE					Branch - Late					Cass - Late					Washtenaw - 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	
RENK RK779SSTX	108	C500 1,2,3,4	22.9	221.1	55.1	0.2	97	26.1	208.9	53.5	0.3	98	19.6	233.3	56.6	0.0	96						
RENK RK810SSTX	110	C250 1,2	22.8	222.7	53.1	0.0	93	26.0	215.6 *	51.8	0.0	90	19.5	229.8	54.4	0.0	95						
RENK RK842SSTX	112	C500 1,2,3,4	24.0	219.3	53.1	0.8	94	26.9	206.1	51.6	1.5	97	21.1	232.4	54.5	0.0	91						
RUPP 8XP888	108	C250 1,2,4,6	20.7	208.2	54.2	0.0	97	21.5	182.0	53.1	0.0	97	19.8	234.3	55.3	0.0	96						
RUPP 8XP843	110	P250 1,2	23.1	230.6 *	52.8	0.0	96	25.6	225.9 **	51.4	0.0	94	20.6	235.3	54.2	0.0	98						
RUPP XRD10-16	110	P250 1,2	21.4	235.3 *	54.1	0.0	98	23.6	214.8 *	52.4	0.0	98	19.2	255.8 *	55.8	0.0	97						
RUPP XRD11-57	111	P250 1,2	22.0	218.9	53.2	0.8	94	24.2	210.9 *	52.0	1.5	96	19.8	226.8	54.3	0.0	91						
RUPP XRD12-49	112	P250 1,2	25.7	234.1 *	52.6	1.6	98	27.5	224.1 *	51.4	2.1	95	23.9	244.0 *	53.7	1.1	101						
WELLMAN W2807DP	107	ENC 1,2	19.3	191.6	53.9	0.3	89	19.8	173.1	52.7	0.6	89	18.7	210.1	55.0	0.0	89						
WELLMAN W2609DP	109	1,2	21.5	214.5	52.9	0.0	91	23.5	203.2	51.4	0.0	89	19.4	225.8	54.3	0.0	92						
WELLMAN W2911DP	110	1,2	21.1	221.8	53.9	0.5	96	22.3	213.6 *	52.5	0.9	95	19.9	230.0	55.3	0.0	96						
WELLMAN W2812DP	111	1,2	24.2	221.1	52.7	0.2	96	27.0	221.5 *	51.4	0.0	96	21.4	220.7	53.9	0.3	96						
AVERAGE			22.3	222.8	53.3	0.5	96	24.3	208.6	52.0	0.8	96	20.2	236.9	54.5	0.0	95						
HIGHEST			25.7	241.7	55.1	2.2	98	27.9	225.9	53.5	4.4	100	23.9	259.7	56.6	1.8	101						
LOWEST			19.3	191.6	51.5	0.0	89	19.8	173.1	50.1	0.0	89	18.6	210.1	52.8	0.0	89						
CV (%)			6.0	7.0	1.6	380.4	4.0	6.9	6.6	1.4	245.8	4.0	4.4	6.4	1.7	8471.0	4.0						
LSD (5%)			1.1	12.9	0.7	1.3	3.0	2.0	16.2	0.8	2.4	4.0	1.1	17.8	1.1	1.2	5.0						

2 Year Averages 2018 - 2017			Late - TRIAL AVERAGE					Branch - Late					Cass - Late					Washtenaw - 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	
CHANNEL 213-19 STXRIB	113	A500 1,2,3,4	24.6	228.2 *	53.4	0.0	96	27.2	215.2 **	52.2	0.0	97	22.0	241.2	54.5	0.0	95						
DAIRYLAND SEED DS-9508RA	108	C5001,2,3,4,6	22.0	230.9 **	51.4	0.3	98	23.1	209.0 *	50.3	0.6	98	20.8	252.7 *	52.4	0.0	98						
DAIRYLAND SEED RPM-4816AM	108	1,2,4	21.7	221.2	53.9	1.1	97	23.1	194.4	52.5	2.1	97	20.3	248.0 *	55.3	0.0	97						
DAIRYLAND SEED EXP-11015	110	1,2,4	22.2	230.8 *	52.8	1.1	96	23.2	206.6 *	51.7	1.4	96	21.2	255.0 **	53.9	0.7	95						
GOLDEN HARVEST G09Y24-3220A	109	C500 1,2,3,4	22.1	224.1 *	51.5	0.9	99	23.0	200.1	50.5	0.1	99	21.2	248.1 *	52.5	1.7	98						
M&W SEEDS 44D81	108	P250 1,2	21.5	223.9 *	54.1	0.0	94	23.1	205.5 *	52.6	0.0	94	19.9	242.3	55.5	0.0	94						
NK Brand NK0962-3220A	109	C2501,2,3,4,6	21.4	217.8	51.8	1.9	98	21.9	195.9	50.6	0.5	98	20.9	239.6	53.0	3.2	97						
RENK RK763VT2P	108	C250 1,2	21.8	228.8 *	52.0	0.2	96	23.5	202.8	50.8	0.3	98	20.0	254.7 *	53.2	0.0	94						
RUPP XRD11-57	111	P250 1,2	22.3	227.4 *	52.5	0.7	97	24.6	212.4 *	51.4	1.0	98	20.0	242.4 *	53.6	0.4	96						
RUPP XRD12-49	112	P250 1,2	25.8	230.1 *	51.6	1.0	99	28.4	209.4 *	50.1	1.3	97	23.1	250.7 *	53.1	0.6	100						
WELLMAN W2609DP	109	1,2	22.4	224.3 *	52.3	0.4	95	24.4	206.3 *	50.9	0.0	94	20.4	242.2	53.6	0.7	96						
AVERAGE			22.5	226.1	52.5	0.7	97	24.1	205.2	51.2	0.7	97	20.9	247.0	53.7	1.0	96						

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2018		Late - TRIAL AVERAGE					Branch - Late					Cass - Late					Washtenaw - 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	
HIGHEST		25.8	230.9	54.1	1.9	99	28.4	215.2	52.6	2.1	99	23.1	255.0	55.5	3.0	100						
LOWEST		21.4	217.8	51.4	0.0	94	21.9	194.4	50.1	0.0	94	19.9	239.6	52.4	0.0	94						
CV (%)		6.4	6.6	2.5	314.1	4.0	7.7	6.4	2.7	232.4	4.0	4.3	6.3	1.6	495.0	3.6						
LSD (5%)		0.8	7.9	0.7	0.8	2.0	1.5	11.0	1.2	1.3	3.0	0.7	12.6	0.7	1.0	2.8						

3 Year Averages 2018 - 2016		Late - TRIAL AVERAGE					Branch - Late					Cass - Late					Washtenaw - 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-9508RA	108 C5001,2,3,4,6	21.8	227.8 **	51.5	0.2	98	23.0	209.7 *	50.6	0.4	96	20.5	245.8 **	52.3	0.0	99						
DAIRYLAND SEED RPM-4816AM	108 1,2,4	20.9	218.2	54.0	0.7	97	22.3	191.2	52.7	1.4	95	19.4	245.1 *	55.2	0.0	98						
M&W SEEDS 44D81	108 P250 1,2	20.8	224.8 *	54.4	0.0	96	22.2	208.0 *	53.4	0.0	95	19.4	241.6 *	55.3	0.0	96						
RUPP XRD11-57	111 P250 1,2	21.3	226.0 *	53.0	0.6	97	23.1	209.8 **	52.2	0.8	97	19.4	242.1 *	53.7	0.3	96						
WELLMAN W2609DP	109 1,2	21.4	226.8 *	53.1	0.4	95	23.0	208.4 *	52.1	0.3	93	19.8	245.2 *	54.0	0.5	97						
AVERAGE		21.2	224.7	53.2	0.4	97	22.7	205.4	52.2	0.6	95	19.7	244.0	54.1	0.0	97						
HIGHEST		21.8	227.8	54.4	0.7	98	23.1	209.8	53.4	1.4	97	20.5	245.8	55.3	0.0	99						
LOWEST		20.8	218.2	51.5	0.0	95	22.2	191.2	50.6	0.0	93	19.4	241.6	52.3	0.0	96						
CV (%)		5.3	6.5	2.1	311.0	4.0	6.5	6.2	2.4	212.4	5.0	3.8	6.1	1.6	447.0	3.5						
LSD (5%)		0.5	6.1	0.5	0.6	2.0	1.1	8.7	0.8	0.9	3.0	0.5	10.0	0.6	1.0	2.3						

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid