

2022 Michigan Corn Hybrids Compared  
Michigan State University  
Department of Plant, Soil & Microbial Sciences

Preliminary Grain Yield Data - 2022

Zone 2 / 3 - INGHAM, MONTCALM & SAGINAW COUNTY CONVENTIONAL GRAIN TRIALS - EARLY (96 Day and Earlier)

2022			Early - TRIAL AVERAGE					Ingham - Early					Montcalm - Early					Saginaw - Early				
BRAND / HYBRID	RM	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
Legacy Seeds LC444-21	94	CONV	18.0	185.4 *	53.8	0.0	65	15.5	173.8 *	54.5	0.0	97	23.0	166.9	50.6	0.0	98	15.5	215.4	56.5	0.0	0
Legacy Seeds LC-3517	95	CONV	17.0	187.9 *	53.7	0.0	66	11.7	143.9	50.2	0.0	99	22.7	191.2 **	52.6	0.0	98	16.7	228.7 *	58.2	0.0	0
Viking O.52-96P	96	CONV	17.1	183.3 *	54.0	0.0	64	11.8	139.0	50.8	0.0	97	23.0	190.4 *	52.6	0.0	95	16.5	220.4	58.6	0.0	0
Legacy Seeds LC482-21	96	CONV	17.2	187.0 *	54.0	0.0	63	12.9	159.6 *	51.5	0.0	93	22.6	180.6 *	52.0	0.0	97	16.3	220.6	58.6	0.0	0
Viking O.45-97UP	97	CONV	17.4	189.4 *	54.8	0.0	61	14.8	170.9 *	54.2	0.0	92	21.9	173.6	52.5	0.0	92	15.7	223.8	57.7	0.0	0
M&W Seeds 46T28	99	CONV	17.2	187.8 *	53.7	0.0	64	12.9	151.0	51.7	0.0	98	22.9	184.6 *	51.5	0.0	95	15.9	227.7 *	58.0	0.0	0
Legacy Seeds LC-4248	100	CONV	16.9	193.6 *	52.5	0.0	66	11.8	151.5	49.2	0.0	98	22.4	189.8 *	51.0	0.0	100	16.7	239.6 **	57.3	0.0	0
M&W Seeds 45T55	100	CONV	17.3	185.2 *	52.8	0.0	63	12.7	142.7	50.0	0.0	92	22.9	187.5 *	51.5	0.0	98	16.4	225.2	56.9	0.0	0
Renk RK600	100	CONV	17.7	194.6 *	53.5	0.0	62	13.7	170.8 *	51.9	0.0	94	22.9	181.6 *	51.4	0.0	93	16.4	231.3 *	57.1	0.0	0
Viking O.85-00P	100	CONV	18.2	197.2 **	52.6	0.0	63	14.2	180.9 **	51.3	0.0	94	23.5	180.0 *	50.3	0.0	97	17.1	230.7 *	56.3	0.0	0
AVERAGE			17.4	189.1	53.5	0.0	64	13.2	158.4	51.5	0.0	95	22.8	182.6	51.6	0.0	96	16.3	226.3	57.5	0.0	0
HIGHEST			18.2	197.2	54.8	0.0	66	15.5	180.9	54.5	0.0	99	23.5	191.2	52.6	0.0	100	17.1	239.6	58.6	0.0	0
LOWEST			16.9	183.3	52.5	0.0	61	11.7	139.0	49.2	0.0	92	21.9	166.9	50.3	0.0	92	15.5	215.4	56.3	0.0	0
CV (%)			25.08	17.93	6.02	0	4.81	9.5	11.2	2.4	0.0	4.3	3.6	6.8	1.4	0.0	4.3	2.2	4.6	0.6	0.0	0.0
LSD (5%)			2.96	22.97	2.18	0	3.13	1.5	21.5	1.5	0.0	4.9	1.0	15.0	0.8	0.0	5.0	0.4	12.5	0.4	0.0	0.0

\*\* Highest Yielding Hybrid

\* Not Significantly Different from Highest Yielding Hybrid

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Zone 2 / 3 - INGHAM, MONTCALM & SAGINAW COUNTY CONVENTIONAL GRAIN TRIALS - LATE (100 Day and Later)

2022			Late - TRIAL AVERAGE					% QUALITY			Ingham - Late					Montcalm - Late					Saginaw - Late				
BRAND / HYBRID	RM	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
Legacy Seeds LC-5217	102	CONV	17.2	213.3 *	55.1	0.0	96	0.0	0.0	0.0	17.2	205.2 *	54.6	0.0	96	17.2	205.2 *	54.6	0.0	96	17.4	229.6 *	56.1	0.0	97
Legacy Seeds LC525-21	102	CONV	17.7	197.7	55.1	0.0	99	0.0	0.0	0.0	17.7	186.7	55.2	0.0	99	17.7	186.7	55.2	0.0	99	17.8	219.8	54.9	0.0	98
Viking O.46-02P	102	CONV	16.6	213.4 *	54.2	0.0	98	0.0	0.0	0.0	15.9	208.9 *	53.1	0.0	101	15.9	208.9 *	53.1	0.0	101	17.9	222.5	56.6	0.0	90
Renk RK642	103	CONV	17.3	219.7 *	55.2	0.0	98	0.0	0.0	0.0	17.0	209.8 *	54.6	0.0	99	17.0	209.8 *	54.6	0.0	99	18.0	239.6 **	56.4	0.0	95
Legacy Seeds LC544-22	104	CONV	17.9	202.8	56.6	0.0	97	0.0	0.0	0.0	18.2	197.9	56.0	0.0	97	18.2	197.9	56.0	0.0	97	17.5	212.5	57.7	0.0	98
Viking O.84-04	104	CONV	17.3	200.2	56.7	0.0	99	0.0	0.0	0.0	17.2	181.1	56.1	0.0	99	17.2	181.1	56.1	0.0	99	17.5	238.4 *	57.8	0.0	99
M&W Seeds MW105A CNV	105	CONV	19.2	205.8	56.6	0.0	99	0.0	0.0	0.0	19.1	202.8 *	56.5	0.0	100	19.1	202.8 *	56.5	0.0	100	19.4	211.8	57.0	0.0	97
Legacy Seeds LC564-20	106	CONV	17.4	209.8 *	53.3	0.0	97	0.0	0.0	0.0	16.9	205.7 *	53.1	0.0	96	16.9	205.7 *	53.1	0.0	96	18.6	217.8	53.8	0.0	98
M&W Seeds 44R33	106	CONV	18.7	224.4 **	55.5	0.0	98	0.0	0.0	0.0	18.7	223.5 **	55.2	0.0	98	18.7	223.5 **	55.2	0.0	98	18.7	226.2	56.0	0.0	97
M&W Seeds 44V40	107	CONV	19.6	218.4 *	55.4	0.0	95	0.0	0.0	0.0	19.8	216.0 *	54.6	0.0	95	19.8	216.0 *	54.6	0.0	95	19.1	223.3	57.1	0.0	96
AVERAGE			17.9	210.5	55.4	0.0	98				17.8	203.8	54.9	0.0	98	17.8	203.8	54.9	0.0	98	18.2	224.2	56.3	0.0	97
HIGHEST			19.6	224.4	56.7	0.0	99				19.8	223.5	56.5	0.0	101	19.8	223.5	56.5	0.0	101	19.4	239.6	57.8	0.0	99
LOWEST			16.6	197.7	53.3	0.0	95				15.9	181.1	53.1	0.0	95	15.9	181.1	53.1	0.0	95	17.4	211.8	53.8	0.0	90
CV (%)			17.36	11.3	5.19	0	4.3				5.2	8.8	2.0	0.0	3.0	5.2	8.8	2.0	0.0	3.0	2.2	4.4	0.8	0.0	4.7
LSD (5%)			2.38	15.63	1.9	0	2.82				1.1	21.5	1.3	0.0	3.5	1.1	21.5	1.3	0.0	3.5	0.5	11.8	0.5	0.0	5.5

\*\* Highest Yielding Hybrid

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