2021 MICHIGAN CORN PERFORMANCE TRIALS

Department of Plant, Soil, and Microbial Sciences | Michigan State University | M.P. Singh and M.M. Blohm

COUNTY: IOSCO **COOPERATOR:** JEREMY BEEBE **PLANTING DATE:** JUNE 1ST

The Department of Plant, Soil, and Microbial Sciences at Michigan State University (MSU) conducts hybrid corn trials each year in cooperation with MSU AgBioResearch stations, seed companies, and farmers to determine yield and quality performance. Seed companies are invited to enter hybrids in the trials and a fee is charged to cover expenses incurred while conducting the trials. Please visit Michigan Corn Performance Trials website for more details and updates: https://varietytrials.msu.edu/corn/.

Previous Crop	Soybean
Soil Type	Sandy Loam
Seeding Rate	34,000 seeds/A
Herbicide	Post Emergence – applied July 3rd 1 oz/A Armazon 1.5 qt/A Atrazine 1.25 qt/A MSO
Fertility	Starter 2x2 – applied at planting 16 gal/A premixed 17-7-2-1S Side dress – applied July 14th 45 gal/A 28% N
Data collection	Grain Moisture (%); Yield (bu/A); Test weight (lbs/bu)*; Stalk lodging (%); Stand (%) *Grain yields are adjusted to 15.5% moisture Silage Yield (Green tons/A; Dry tons/A); Dry matter (%); Silage quality (Near-infrared Spectroscopy) - IVD, ADF, NDF, NDFD, CP, Starch; Milk/ton*; Milk/A* *Milk data calculated using MILK2006 equations
Harvest Equipment	Grain 2016 Kincaid 8-XP combine with Harvest Master Single Plot High-Capacity Grain Gage HM800 system Silage Two- row Champion C1200 Kemper forage harvester with Rear mounted Haldrup M-63 weigh and sampling system
Plot Layout	4 rows/plot at 30” spacing; 22’ long
Replications	4 – randomized complete block

See reverse side for hybrid information.

Company	Hybrid	RM	Type	Plot #
Ag Armour	AA9100	91	Grain	13
DynaGro	D36VC66	96	Grain	17
Dairyland Seed	DS-2080AM	80	Grain	9
Dairyland Seed	DS-2505Q	85	Grain	15
Dairyland Seed	DS-2828AM	88	Grain	6
Dairyland Seed	DS-3022AM	90	Grain	16
Dairyland Seed	DS-3162Q	91	Dual	7
Dairyland Seed	DS3366AM	93	Grain	20
Golden Harvest	G84J92-3120A	86	Grain	14
Golden Harvest	G90S99-5222	90	Grain	2
Golden Harvest	G91V51-5222A	91	Dual	8
Legacy Seeds	LC-3048	90	Grain	4
Legacy Seeds	LC351-20 VT2P	85	Grain	1
Legacy Seeds	LC354-20	85	Grain	5
Legacy Seeds	LC391-20	89	Grain	11
Legacy Seeds	LC413-20	91	Dual	18
M&W Seeds	MW46P76	97	Grain	12
M&W Seeds	MW97A VT2P	97	Grain	22
NK Brand	NK9023-5222	90	Grain	3
NK Brand	NK9175-5222A	91	Grain	10
Renk Seeds	RK297VT2P	89	Grain	19
Renk Seeds	RK31VT2P	90	Grain	21

Plot Map:

N

MW97A VT2P	RK31VT2P	DS3366AM	RK297VT2P	LC413-20	D36VC66	DS-3022AM	DS-2505Q	G84J92-3120A	AA9100	MW46P76
22	21	20	19	18	17	16	15	14	13	12
LC351-20 VT2P	G90S99-5222	NK9023-5222	LC-3048	LC354-20	DS-2828AM	DS-3162Q	G91V51-5222A	DS-2080AM	NK9175-5222A	LC391-20
1	2	3	4	5	6	7	8	9	10	11

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