

Results of foliar disease evaluations made on the MSU official hybrid trial shortly before physiological maturity of Curvularia leaf spot, southern corn leaf blight (SCLB), and southern rust from the non-irrigated corn hybrid trial conducted at Brooksville, MS.

Company/Cultivar	Disease evaluation (0-9 scale)		
	Curvularia leaf spot	SCLB	Southern rust
AgriGold A645-16VT2RIB	1.0 d	0.0 b	1.0
AgriGold A645-80-3110	1.0 d	0.0 b	1.0
AgriGold A647-42TRC	2.0 abc	0.0 b	1.5
AgriGold A6544VT2RIB	1.0 d	0.0 b	1.5
AgriGold A6659VT2RIB	1.3 cd	0.0 b	1.3
Croplan CP5370VT2P	1.0 d	0.0 b	1.3
Croplan CP5497VT2P	1.8 bcd	0.0 b	1.8
Croplan CP5550VT2P	1.0 d	0.0 b	1.0
DeKalb DKC62-89	1.0 d	0.0 b	1.8
DeKalb DKC65-99	1.5 cd	0.5 ab	1.0
DeKalb DKC66-18	1.3 cd	0.0 b	1.0
DeKalb DKC67-44	1.0 d	0.5 ab	1.3
DeKalb DKC67-94	1.0 d	0.3 b	1.5
DeKalb DKC68-69	1.0 d	0.0 b	1.0
DeKalb DKC69-99	1.3 cd	0.5 ab	1.5
DeKalb DKC70-27	1.3 cd	0.0 b	1.0
Dyna-Gro D52VC63	1.3 cd	0.5 ab	1.3
Dyna-Gro D54VC14	2.5 ab	0.0 b	1.3
Dyna-Gro D54VC34	2.5 ab	0.0 b	1.5
Dyna-Gro D55VC80	1.3 cd	0.5 ab	1.5
Dyna-Gro D57VC51	1.3 cd	0.0 b	1.3
Dyna-Gro D58VC22	1.0 d	0.3 b	1.0
Dyna-Gro D58VC65	2.0 abc	0.0 b	1.3
Dyna-Gro LC1506 VT2P(LCX15-20)	1.3 cd	0.0 b	1.3
Great Heart HT-7302VT2P	2.8 a	0.3 b	1.5
Great Heart HT-7337VT2P	1.0 d	0.0 b	1.0
Great Heart HT-7890VT2P	1.3 cd	0.0 b	1.3
Inn victus Seed MEX1280DGVT2P*	1.0 d	0.0 b	1.0
Inn victus Seed MEX1580VT2P*	1.0 d	0.0 b	1.0
Inn victus Seed MEX1671TRE*	1.0 d	1.0 a	1.0
LG Seeds 5643	1.0 d	0.3 b	1.3
LG Seeds 5650	1.3 cd	0.0 b	1.5
LG Seeds 5701	1.5 cd	0.0 b	1.3
LG Seeds 64C30	1.3 cd	0.0 b	1.0
LG Seeds 66C44	1.0 d	0.0 b	1.0
Local Seed Co. LC 1407 VT2P(LCX14-20)	1.0 d	0.0 b	1.5
Local Seed Co. LC1307TC(LCX13-20TC)	1.5 cd	0.0 b	2.0
Local Seed Co. LC1497 DGVT2P	1.0 d	0.0 b	1.0
Local Seed Co. LC1577 VT2P	1.8 bcd	0.0 b	1.5
Local Seed Co. LC1616 TC	1.0 d	0.0 b	1.0
Local Seed Co. LC1707 VT2P(LCX17-21)	1.0 d	0.0 b	1.8
Local Seed Co. LC1898 TC	1.8 bcd	0.0 b	1.0
Local Seed Co. LC1919 VT2P	1.3 cd	0.0 b	1.0
Local Seed Co. LC1987 VT2P	1.5 cd	0.0 b	1.3
MorCorn MC 4311 (SXP0113)	2.0 abc	0.0 b	1.3
MorCorn MC 4670	1.5 cd	0.0 b	1.5
MorCorn MC 4725	1.5 cd	0.3 b	1.0
Pioneer P1077YHR	1.8 bcd	0.0 b	1.5
Pioneer P1464VYHR	1.0 d	0.0 b	1.3
Progeny PGY 2015VT2P	1.3 cd	0.0 b	1.0

Progeny PGY 2025DGVT2P	1.0 d	0.0 b	1.5
Progeny PGY 2118VT2P (EXP 2018SS)	1.0 d	0.0 b	1.3
Progeny PGY 8116SS	1.0 d	0.0 b	1.0
Progeny PGY 8116VT2P	1.0 d	1.0 a	1.5
Progeny PGY 9114VT2P	1.8 bcd	0.0 b	1.0
Progeny PGY 9117VT2P	1.3 cd	0.0 b	1.3
Progeny PGY EXP115TRE*	1.3 cd	0.0 b	1.0
Progeny PGY EXP116VT2P*	1.0 d	0.0 b	1.0
	MSE (0.05)	0.3	0.1
	CV (%)	43.5	380.4
	<i>P</i> -value for F-statistic	<0.0001	0.0295
			0.8391

Asterisk (\*) indicates an experimental hybrid. Means followed by the same letter(s) within a column are not significantly different according to Fisher's Protected LSD ( $P=0.05$ ).

2021 NON-IRR Brooksville OHT