

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

Company/Cultivar	Disease evaluation (0-9 scale)	
	Curvularia leaf spot <sup>z</sup>	SCLB
AgriGold A645-16VT2Pro	3.0 k-q	5.5 a
AgriGold A645-80-3110	3.8 h-o	3.0 c-i
AgriGold A647-35-3330	5.8 a-g	2.8 d-i
AgriGold A6544VT2RIB	3.3 j-p	2.5 e-i
AgriGold A6572VT2RIB	4.3 f-m	3.5 b-g
AgriGold A6659VT2RIB	6.0 a-f	2.8 d-i
Augusta Seed Corp. A1367	5.3 b-i	2.8 d-i
Augusta Seed Corp. A4565	2.5 m-q	2.0 ghi
Augusta Seed Corp. A4567	5.3 b-i	2.3 f-i
Augusta Seed Corp. A7168	4.0 g-n	3.0 c-i
BH Genetics BH 8555DG2P	5.0 c-j	3.3 b-g
BH Genetics BH 8721VT2P	3.5 i-p	3.3 b-g
BH Genetics X18053VT2P*	3.8 h-o	2.8 d-i
Croplan CP5335/VT2P	3.3 j-p	4.5 abc
Croplan CP5340/VT2P	4.3 f-m	2.8 d-i
Croplan CP5370/VT2P	5.0 c-j	2.5 e-i
Croplan CP5550/VT2P	4.3 f-m	2.0 ghi
Croplan X19115B/VT2P*	2.8 l-q	2.3 f-i
Dekalb DKC65-95	5.5 b-h	4.3 a-d
Dekalb DKC65-99	5.8 a-g	3.0 c-i
Dekalb DKC66-18	2.5 m-q	3.0 c-i
Dekalb DKC66-75	2.5 m-q	2.5 e-i
Dekalb DKC67-37	3.5 i-p	3.3 b-g
Dekalb DKC67-44	4.8 d-k	3.8 b-f
Dekalb DKC68-69	4.3 f-m	2.3 f-i
Dekalb DKC69-99	4.3 f-m	3.0 c-i
Dekalb DKC70-27	3.3 j-p	2.5 e-i
Dyna-Gro CX20114*	7.5 a	4.8 abc
Dyna-Gro D55VC80	3.8 h-o	4.5 abc
Dyna-Gro D57VC17	3.0 k-q	3.5 b-g
Dyna-Gro D57VC51	6.5 a-d	3.3 b-h
Dyna-Gro D58VC65	6.3 a-e	3.8 b-f
Great Heart Seed HT7256 DGVT2P	4.0 g-n	3.3 b-h
Great Heart Seed HT-7302VT2P	7.5 a	4.3 a-d
Great Heart Seed HT-7337VT2P	2.5 m-q	2.5 e-i
Great Heart Seed HT-7425 DGVT2P	4.5 e-l	2.8 d-i
Great Heart Seed HT-7462VT2P	4.0 g-n	2.0 ghi
Great Heart Seed HT7890VT2P	1.5 q	3.3 f-i
LG Seeds LG5643	2.5 m-q	3.0 c-i
LG Seeds LG66C32	3.3 j-p	3.8 b-f
LG Seeds LG66C44	4.0 g-n	3.0 c-i
LG Seeds LG68C22	3.3 j-p	3.8 b-f
LG Seeds LG68C59*	6.0 a-f	2.8 d-i
Local Seed Co. LC1289 VT2P	2.8 l-q	2.8 d-i
Local Seed Co. LC1398 VT2P	4.5 e-l	2.0 ghi
Local Seed Co. LC1497 DGVT2P	2.5 m-q	3.5 b-g
Local Seed Co. LC1577 VT2P	7.5 a	4.0 a-e
Local Seed Co. LC1697 VT2P (LCX19-91 VT2P)	4.3 f-m	3.0 c-i
Local Seed Co. LC1898 TC	6.0 a-f	3.0 c-i
Local Seed Co. LC1987 VT2P	4.3 f-m	4.3 a-d
Local Seed Co. LCX13-20 TC*	7.0 ab	3.3 f-i

Company/Cultivar	Disease evaluation (0-9 scale)	
	Curvularia leaf spot <sup>z</sup>	SCLB
Local Seed Co. LCX14-20 VT2P	1.8 pq	2.0 ghi
Local Seed Co. LCX15-20VT2P	5.3 b-i	3.8 b-f
Local Seed Co. LCX17-21 VT2P	1.8 pq	1.8 hi
Local Seed Co. LCX17-22VT2P	2.3 n-q	3.0 c-i
Mission Seed Solutions A1257VT2P	2.5 m-q	3.8 b-f
Mission Seed Solutions A1477DGVT2P	7.0 ab	2.3 f-i
Mission Seed Solutions A1548DGVT2P	4.0 g-n	2.5 e-i
Mission Seed Solutions A1657VT2P	5.5 b-h	3.3 b-h
Mission Seed Solutions A1798V T2P	5.3 b-i	2.5 e-i
Mission Seed Solutions AV7516Q	3.5 i-p	2.0 ghi
Mission Seed Solutions AV8216YHB	2.8 l-q	3.0 c-i
MorCorn MC 4255	1.5 q	3.3 b-h
MorCorn MC 4319	6.3 a-e	2.5 e-i
MorCorn MC 4670 (MC XP 1956 )	4.0 g-n	2.8 d-i
MorCorn MC 4725	4.0 g-n	2.3 f-i
Pioneer P1077YHR	2.5 m-q	2.5 e-i
Pioneer P1870YHR	4.3 f-m	2.8 d-i
Progeny Ag. EXP1912	3.0 k-q	2.3 f-i
Progeny Ag. EXP1913	5.0 c-j	2.0 ghi
Progeny Ag. EXP1915 (EXP1915SS)	4.2 f-m	3.0 c-i
Progeny Ag. EXP1917	5.5 b-h	3.5 b-g
Progeny Ag. EXP2015	2.0 opq	1.7 i
Progeny Ag. EXP2018	2.3 n-q	2.8 d-i
Progeny Ag. PGY2012VT2P (EXP1712)	2.5 m-q	2.3 f-i
Progeny Ag. PGY2015VT2P (EXP 1925)	4.5 e-l	3.0 c-i
Progeny Ag. PGY2025DG (EXP1815)	4.8 d-k	2.5 e-i
Progeny Ag. PGY5115VT2P	6.3 a-e	3.0 c-i
Progeny Ag. PGY6116VT2P	5.8 a-g	3.8 b-f
Progeny Ag. PGY8116SS	3.5 i-p	3.0 c-i
Progeny Ag. PGY9114VT2P	6.8 abc	4.0 a-e
Progeny Ag. PGY9117VT2P	3.5 i-p	2.8 d-i
Taylor Seed T-8561VT2PRORIB	5.0 c-j	2.8 d-i
Taylor Seed T-8680VT2PRO	2.8 l-q	3.5 b-g
MSE (0.05)	1.7	1.2
CV (%)	30.8	36.5
<i>P</i> -value for F-statistic	<0.0001	0.0006

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 ( $P=0.05$ ).