

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 percent lodging from the irrigated corn hybrid trial conducted at Macon, MS.

Company/Cultivar	Disease evaluation (0-9 scale)		
	Curvularia leaf spot ^z	SCLB	Lodging (%)
AgriGold A645-16VT2Pro	1.0 f	2.5 c-h	1
AgriGold A645-80-3110	1.0 f	1.3 hij	0
AgriGold A647-35-3330	1.0 f	1.0 ij	0
AgriGold A6544VT2RIB	1.5 def	1.5 g-j	0
AgriGold A6572VT2RIB	1.5 def	1.5 g-j	0
AgriGold A6659VT2RIB	1.5 def	2.5 c-h	0
Augusta Seed Corp. A1367	1.0 f	1.3 hij	0
Augusta Seed Corp. A4565	1.0 f	1.8 f-j	0
Augusta Seed Corp. A4567	1.0 f	2.5 c-h	1
Augusta Seed Corp. A7168	1.3 ef	2.3 d-i	0
BH Genetics BH 8555DG2P	1.5 def	1.0 ij	0
BH Genetics BH 8721VT2P	1.0 f	1.0 ij	0
BH Genetics X18053VT2P*	1.0 f	1.3 hij	0
Croplan CP5335/VT2P	1.0 f	3.0 b-f	0
Croplan CP5340/VT2P	1.0 f	1.3 hij	0
Croplan CP5370/VT2P	1.0 f	1.3 hij	0
Croplan CP5550/VT2P	1.5 def	1.5 g-j	0
Croplan X19115B/VT2P*	1.0 f	2.8 c-g	2
Dekalb DKC65-95	1.3 ef	4.3 ab	0
Dekalb DKC65-99	1.8 cde	1.8 f-j	0
Dekalb DKC66-18	1.0 f	2.3 d-i	0
Dekalb DKC66-75	1.0 f	2.5 c-h	0
Dekalb DKC67-37	1.0 f	1.3 hij	0
Dekalb DKC67-44	1.0 f	2.8 c-g	0
Dekalb DKC68-69	1.3 ef	1.5 g-j	0
Dekalb DKC69-99	1.3 ef	2.3 d-i	6
Dekalb DKC70-27	1.0 f	2.5 c-h	1
Dyna-Gro CX20114*	2.0 cd	1.5 g-j	0
Dyna-Gro D55VC80	1.0 f	2.3 d-i	0
Dyna-Gro D57VC17	1.0 f	3.8 abc	0
Dyna-Gro D57VC51	1.5 def	2.5 c-h	8
Dyna-Gro D58VC65	1.5 def	1.0 ij	0
Great Heart Seed HT7256 DGVT2P	1.0 f	2.5 c-h	0
Great Heart Seed HT-7302VT2P	3.8 a	3.5 a-d	0
Great Heart Seed HT-7337VT2P	1.3 ef	1.5 g-j	0
Great Heart Seed HT-7425 DGVT2P	2.0 cd	1.0 ij	0
Great Heart Seed HT-7462VT2P	1.5 def	2.8 c-g	0
Great Heart Seed HT7890VT2P	1.0 f	3.3 a-e	0
LG Seeds LG5643	1.0 f	1.0 ij	0
LG Seeds LG66C32	1.5 def	2.3 d-i	0
LG Seeds LG66C44	1.0 f	2.8 c-g	1
LG Seeds LG68C22	1.5 def	4.5 a	0
LG Seeds LG68C59*	1.0 f	1.3 hij	0
Local Seed Co. LC1289 VT2P	1.0 f	2.8 c-g	0
Local Seed Co. LC1398 VT2P	1.0 f	1.5 g-j	7
Local Seed Co. LC1497 DGVT2P	1.0 f	2.5 c-h	0
Local Seed Co. LC1577 VT2P	3.5 a	2.0 e-j	0
Local Seed Co. LC1697 VT2P (LCX19-91 VT2P)	1.0 f	2.3 d-i	0
Local Seed Co. LC1898 TC	1.5 def	1.3 hij	0
Local Seed Co. LC1987 VT2P	1.0 f	2.0 e-j	0
Local Seed Co. LCX13-20 TC*	2.8 b	1.5 g-j	0

Company/Cultivar	Disease severity (0-9)		
	Curvularia leaf spot ^z	SCLB	Lodging (%)
Local Seed Co. LCX14-20 VT2P*	1.0 f	1.3 hij	0
Local Seed Co. LCX15-20VT2P*	1.3 ef	1.5 g-j	0
Local Seed Co. LCX17-21 VT2P*	1.0 f	2.3 d-i	0
Local Seed Co. LCX17-22VT2P*	1.0 f	2.0 e-j	0
Mission Seed Solutions A1257VT2P	1.3 ef	1.5 g-j	0
Mission Seed Solutions A1477DGVT2P	1.3 ef	1.3 hij	0
Mission Seed Solutions A1548DGVT2P	1.3 ef	1.8 f-j	0
Mission Seed Solutions A1657VT2P	2.0 cd	1.3 hij	0
Mission Seed Solutions A1798V T2P	1.5 def	1.8 f-j	0
Mission Seed Solutions AV7516Q	1.0 f	1.0 ij	0
Mission Seed Solutions AV8216YHB	1.3 ef	2.5 c-h	0
MorCorn MC 4255	1.5 def	2.0 e-j	0
MorCorn MC 4319	2.8 b	3.0 b-f	0
MorCorn MC 4670 (MC XP 1956)	2.3 bc	1.3 hij	0
MorCorn MC 4725	1.3 ef	1.3 hij	0
Pioneer P1077YHR	1.5 def	1.3 hij	0
Pioneer P1870YHR	1.0 f	1.0 ij	0
Progeny Ag. EXP1912*	1.3 ef	3.0 b-f	1
Progeny Ag. EXP1913*	1.0 f	1.5 g-j	4
Progeny Ag. EXP1915 (EXP1915SS)*	1.2 ef	2.2 d-i	0
Progeny Ag. EXP1917*	2.0 cd	1.8 f-j	0
Progeny Ag. EXP2015*	1.0 f	1.7 g-j	0
Progeny Ag. EXP2018*	1.0 f	2.5 c-h	0
Progeny Ag. PGY2012VT2P (EXP1712)	1.0 f	3.3 a-e	0
Progeny Ag. PGY2015VT2P (EXP 1925)	1.8 cde	1.3 hij	1
Progeny Ag. PGY2025DG (EXP1815)	1.8 cde	1.0 ij	0
Progeny Ag. PGY5115VT2P	1.0 f	3.8 abc	1
Progeny Ag. PGY6116VT2P	1.0 f	0.8 j	0
Progeny Ag. PGY8116SS	1.0 f	2.5 c-h	0
Progeny Ag. PGY9114VT2P	4.0 a	2.0 e-j	0
Progeny Ag. PGY9117VT2P	1.0 f	1.8 f-j	0
Taylor Seed T-8561VT2PRORIB	1.5 def	1.3 hij	1
Taylor Seed T-8680VT2PRO	1.0 f	1.0 ij	1
MSE (0.05)	0.3	0.9	6.8
CV (%)	36.8	48.0	614.4
<i>P</i> -value for F-statistic	<0.0001	<0.0001	0.4169

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 ($P=0.05$).