

Results of foliar disease evaluations made on the MSU official hybrid trial shortly before physiological maturity of Curvularia leaf spot and northern corn leaf blight (NCLB) from the irrigated corn hybrid trial conducted at Stoneville, MS on a clay soil.

Company/Cultivar	Disease severity (0-9)	
	Curvularia leaf spot <sup>z</sup>	NCLB
AgriGold A645-16VT2Pro	1.5 pqr	0.0 f
AgriGold A645-80-3110	1.5 pqr	2.0 b
AgriGold A647-35-3330	2.5 l-p	0.5 def
AgriGold A6544VT2RIB	1.3 qr	0.5 def
AgriGold A6572VT2RIB	3.0 j-n	0.5 def
AgriGold A6659VT2RIB	4.5 e-h	0.8 c-f
Augusta Seed Corp. A1367	2.3 m-q	1.3 bcd
Augusta Seed Corp. A4565	1.3 qr	0.0 f
Augusta Seed Corp. A4567	1.5 pqr	0.5 def
Augusta Seed Corp. A7168	1.5 pqr	0.0 f
BH Genetics BH 8555DG2P	2.0 n-r	0.0 f
BH Genetics BH 8721VT2P	1.8 o-r	0.8 e-f
BH Genetics X18053VT2P*	1.8 o-r	0.5 def
Croplan CP5335/VT2P	2.0 n-r	0.8 c-f
Croplan CP5340/VT2P	1.3 qr	0.5 def
Croplan CP5370/VT2P	1.5 pqr	0.0 f
Croplan CP5550/VT2P	2.5 l-p	1.0 cde
Croplan X19115B/VT2P*	1.3 qr	0.0 f
Dekalb DKC65-95	4.3 f-i	0.0 f
Dekalb DKC65-99	3.5 h-l	0.3 ef
Dekalb DKC66-18	1.8 o-r	0.5 def
Dekalb DKC66-75	1.3 qr	0.3 ef
Dekalb DKC67-37	2.0 n-r	0.0 f
Dekalb DKC67-44	1.5 pqr	0.5 def
Dekalb DKC68-69	1.8 o-r	0.0 f
Dekalb DKC69-99	1.5 pqr	0.3 ef
Dekalb DKC70-27	1.5 pqr	0.3 ef
Dyna-Gro CX20114*	5.8 cd	1.0 cde
Dyna-Gro D55VC80	1.3 qr	0.0 f
Dyna-Gro D57VC17	1.0 r	0.3 ef
Dyna-Gro D57VC51	2.5 l-p	0.3 ef
Dyna-Gro D58VC65	4.8 d-g	0.8 c-f
Great Heart Seed HT7256 DGVT2P	1.3 qr	0.5 def
Great Heart Seed HT-7302VT2P	7.3 a	1.0 cde
Great Heart Seed HT-7337VT2P	1.5 pqr	0.8 c-f
Great Heart Seed HT-7425 DGVT2P	3.8 g-k	0.0 f
Great Heart Seed HT-7462VT2P	2.0 n-r	0.5 def
Great Heart Seed HT7890VT2P	1.3 qr	0.5 def
LG Seeds LG5643	1.0 r	0.3 ef
LG Seeds LG66C32	1.5 pqr	1.0 cde
LG Seeds LG66C44	1.5 pqr	0.0 f
LG Seeds LG68C22	1.5 pqr	0.0 f
LG Seeds LG68C59*	3.5 h-l	0.8 c-f
Local Seed Co. LC1289 VT2P	1.0 r	0.0 f
Local Seed Co. LC1398 VT2P	2.0 n-r	0.0 f
Local Seed Co. LC1497 DGVT2P	2.3 m-q	0.0 f
Local Seed Co. LC1577 VT2P	8.0 a	0.5 def
Local Seed Co. LC1697 VT2P (LCX19-91 VT2P)	2.0 n-r	0.3 ef
Local Seed Co. LC1898 TC	3.3 i-m	0.3 ef
Local Seed Co. LC1987 VT2P	1.5 pqr	0.0 f
Local Seed Co. LCX13-20 TC*	6.0 bc	0.3 ef

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	Curvularia leaf spot <sup>z</sup>	NCLB
Local Seed Co. LCX14-20 VT2P*	1.3 qr	0.5 def
Local Seed Co. LCX15-20VT2P*	3.3 i-m	1.0 cde
Local Seed Co. LCX17-21 VT2P*	1.3 qr	0.0 f
Local Seed Co. LCX17-22VT2P*	1.3 qr	3.5 a
Mission Seed Solutions A1257VT2P	1.0 r	0.0 f
Mission Seed Solutions A1477DGVT2P	5.5 cde	0.3 ef
Mission Seed Solutions A1548DGVT2P	2.3 m-q	0.3 ef
Mission Seed Solutions A1657VT2P	2.0 n-r	0.3 ef
Mission Seed Solutions A1798V T2P	4.3 f-i	0.5 def
Mission Seed Solutions AV7516Q	1.5 pqr	2.0 b
Mission Seed Solutions AV8216YHB	1.3 qr	0.0 f
MorCorn MC 4255	1.0 r	0.3 ef
MorCorn MC 4319	5.3 c-f	1.5 bc
MorCorn MC 4670 (MC XP 1956 )	3.3 i-m	0.3 ef
MorCorn MC 4725	2.0 n-r	0.0 f
Pioneer P1077YHR	1.3 qr	0.8 c-f
Pioneer P1870YHR	1.5 pqr	0.3 ef
Progeny Ag. EXP1912*	1.8 o-r	0.3 ef
Progeny Ag. EXP1913*	2.8 k-o	0.0 f
Progeny Ag. EXP1915 (EXP1915SS)*	1.8 n-r	0.4 ef
Progeny Ag. EXP1917*	3.5 h-l	0.0 f
Progeny Ag. EXP2015*	1.3 pqr	0.7 c-f
Progeny Ag. EXP2018*	1.3 qr	0.3 ef
Progeny Ag. PGY2012VT2P (EXP1712)	1.5 pqr	0.0 f
Progeny Ag. PGY2015VT2P (EXP 1925)	4.0 g-j	1.0 cde
Progeny Ag. PGY2025DG (EXP1815)	4.3 f-i	0.0 f
Progeny Ag. PGY5115VT2P	4.3 f-i	1.0 cde
Progeny Ag. PGY6116VT2P	3.3 i-m	0.8 c-f
Progeny Ag. PGY8116SS	1.5 pqr	0.0 f
Progeny Ag. PGY9114VT2P	7.0 ab	1.5 bc
Progeny Ag. PGY9117VT2P	1.3 qr	0.3 ef
Taylor Seed T-8561VT2PRORIB	2.8 k-o	0.0 f
Taylor Seed T-8680VT2PRO	1.5 pqr	0.3 ef
MSE (0.05)	0.8	0.4
CV (%)	36.3	135.1
<i>P</i> -value for F-statistic	<0.0001	<0.0001

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 ( $P=0.05$ ).