

Results of foliar disease evaluations made on the MSU official hybrid trial shortly before physiological maturity of Curvularia leaf spot, northern corn leaf blight (NCLB), southern rust, and lodging (on a 0-100% scale) from the irrigated corn hybrid trial conducted at the clay set in Stoneville, MS.

Company/Cultivar	Disease evaluation (0-9 scale)			
	Curvularia leaf spot	NCLB	Southern rust	Lodging (%)
AgriGold A645-16VT2RIB	2.3 i-m	0.5 cde	3.8 k-o	2.0 cd
AgriGold A647-35-5222	2.3 i-m	0.5 cde	5.5 d-i	0.3 d
AgriGold A647-42TRC	4.5 de	0.0 e	6.8 a-d	0.0 d
AgriGold A6544VT2RIB	2.0 j-m	1.5 b	6.0 b-g	0.0 d
AgriGold A6659VT2RIB	3.5 e-h	0.5 cde	4.0 j-n	7.5 bc
Augusta Seed A1367	1.5 lm	0.5 cde	7.0 abc	0.3 d
Augusta Seed A4467	2.3 i-m	1.3 bc	6.3 b-f	0.3 d
Augusta Seed A4565	1.5 lm	0.0 e	7.0 abc	0.0 d
Beck's Hybrids 6374V2P	2.3 i-m	0.0 e	6.8 a-d	0.0 d
Beck's Hybrids 6414V2P	7.8 a	0.8 b-e	2.8 no	0.5 d
Beck's Hybrids 6557V2P	3.0 g-j	0.0 e	6.8 a-d	0.3 d
Beck's Hybrids 6743AML	1.8 klm	3.0 a	5.8 c-h	1.0 d
BH Genetics BH 8721VT2P	3.0 g-j	0.3 de	4.5 h-m	0.5 d
BH Genetics BH 8820VT2P(X18053VT2P)	1.5 lm	0.8 b-e	5.5 d-i	0.3 d
BH Genetics BH 8966VT2P	1.3 m	0.3 de	5.5 d-i	1.0 d
Croplan CP5370VT2P	2.3 i-m	0.0 e	5.8 c-h	0.8 d
Croplan CP5497VT2P	6.0 bc	1.5 b	6.5 a-e	0.3 d
Croplan CP5550VT2P	3.3 f-i	0.5 cde	6.5 a-e	0.0 d
Dekalb DKC62-89	3.8 efg	0.0 e	6.8 a-d	0.0 d
Dekalb DKC65-99	4.3 def	0.3 de	2.5 o	2.3 cd
Dekalb DKC66-18	1.5 lm	0.3 de	6.5 a-e	0.0 d
Dekalb DKC67-44	1.5 lm	0.3 de	4.8 g-l	0.5 d
Dekalb DKC67-94	2.5 h-l	0.0 e	5.3 e-j	0.5 d
Dekalb DKC68-69	2.0 j-m	0.5 cde	5.8 c-h	1.0 d
Dekalb DKC69-99	2.3 i-m	0.0 e	6.5 a-e	2.0 cd
Dekalb DKC70-27	1.8 klm	0.3 de	5.3 e-j	0.5 d
Dyna-Gro D52VC63	1.5 lm	0.3 de	7.3 ab	1.3 cd
Dyna-Gro D54VC14	7.0 ab	0.3 de	3.5 l-o	2.0 cd
Dyna-Gro D54VC34	5.3 cd	0.8 b-e	4.8 g-l	0.3 d
Dyna-Gro D55VC80	1.3 m	0.0 e	3.8 k-o	1.3 cd
Dyna-Gro D57VC51	3.0 g-j	0.3 de	4.0 j-n	4.5 bc
Dyna-Gro D58VC65	3.3 f-i	0.3 de	4.5 h-m	3.3 cd
Gateway Seed 0916 Tre	3.0 g-j	0.0 e	4.8 g-l	0.0 d
Gateway Seed 1717 VT2Pro	1.3 m	0.0 e	5.3 e-j	1.0 d
Gateway Seed 9714 VT2Pro	7.0 ab	0.0 e	3.3 mno	0.0 d
Gateway Seed X1719 VT2Pro	1.5 lm	0.8 b-e	5.8 c-h	0.0 d
Great Heart HT-7256DGVT2P	2.3 i-m	0.0 e	6.8 a-d	0.0 d
Great Heart HT-7302VT2P	7.0 ab	0.5 cde	2.8 no	2.5 cd
Great Heart HT-7337VT2P	2.3 i-m	0.8 b-e	5.5 d-i	0.5 d
Great Heart HT-7425DGVT2P	3.0 g-j	0.8 b-e	7.3 ab	0.0 d
Great Heart HT-7890VT2P	1.5 lm	0.5 cde	6.0 b-g	1.0 d
Inn victus Seed MEX1280DGVT2P*	1.3 m	0.0 e	6.8 a-d	0.3 d
Inn victus Seed MEX1580VT2P*	1.3 m	0.8 b-e	6.3 b-f	1.3 cd
Inn victus Seed MEX1671TRE*	2.0 j-m	0.0 e	6.5 a-e	0.0 d
LG Seeds 5643	1.5 lm	0.3 de	5.3 e-j	0.0 d
LG Seeds 5701	2.5 h-l	0.0 e	3.8 k-o	11.3 a
LG Seeds LG5650VT2RIB	3.0 g-j	0.0 e	6.8 a-d	0.5 d
LG Seeds LG66C44	1.8 klm	0.0 e	4.5 h-m	0.8 d
LG Seeds LG68C22VT2RIB	1.3 m	0.0 e	7.0 abc	1.5 cd
Local Seed Co. LC 1407 VT2P(LCX14-20)	1.8 klm	0.5 cde	5.0 f-k	2.5 cd

Local Seed Co. LC1307TC(LCX13-20TC)	5.0 cd	0.3 de	6.8 a-d	0.8 d
Local Seed Co. LC1497 DGVT2P	2.5 h-l	0.0 e	7.0 abc	0.0 d
Local Seed Co. LC1506 VT2P(LCX15-20)	2.8 g-k	1.3 bc	4.3 i-m	1.8 cd
Local Seed Co. LC1577 VT2P	7.3 a	0.3 de	3.3 mno	0.3 d
Local Seed Co. LC1616 TC	1.5 lm	0.0 e	6.0 b-g	0.5 d
Local Seed Co. LC1707 VT2P(LCX17-21)	1.5 lm	0.5 cde	5.3 e-j	0.0 d
Local Seed Co. LC1898 TC	1.8 klm	0.0 e	5.3 e-j	1.3 cd
Local Seed Co. LC1919 VT2P	1.5 lm	0.5 cde	5.5 d-i	1.3 cd
Local Seed Co. LC1987 VT2P	1.8 klm	1.5 b	4.8 g-l	0.3 d
MorCorn MC 4311 (SXP0113)	6.0 bc	0.0 e	6.8 a-d	0.3 d
MorCorn MC 4670	3.0 g-j	0.5 cde	5.8 c-h	0.0 d
MorCorn MC 4725	2.0 j-m	0.0 e	5.3 e-j	0.3 d
Pioneer P1870YHR	1.5 lm	0.8 b-e	5.3 e-j	1.3 cd
Pioneer P2042VYHR	2.5 h-l	0.5 cde	7.0 abc	1.0 d
Progeny PGY 2012VT2P	1.5 lm	0.0 e	7.0 abc	0.3 d
Progeny PGY 2015VT2P	2.0 j-m	1.0 bcd	5.0 f-k	1.0 d
Progeny PGY 2025DGVT2P	2.5 h-l	0.0 e	6.3 b-f	0.8 d
Progeny PGY 2118VT2P (EXP 2018SS)	1.5 lm	0.0 e	5.8 c-h	0.5 d
Progeny PGY 8116SS	1.3 m	0.0 e	7.8 a	0.0 d
Progeny PGY 8116VT2P	2.0 j-m	0.0 e	6.3 b-f	0.8 d
Progeny PGY 9117VT2P	2.5 h-l	0.5 cde	5.5 d-i	0.5 d
Progeny PGY EXP115TRE*	1.5 lm	0.0 e	7.0 abc	0.5 d
Progeny PGY EXP116VT2P*	1.5 lm	0.3 de	6.5 a-e	1.3 cd
MSE (0.05)	0.5	0.5	1.1	5.9
CV (%)	27.4	188.5	18.9	248.1
<i>P</i> -value for F-statistic	<0.0001	<0.0001	<0.0001	0.0002

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 ( $P=0.05$ ).