

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 loam set in Stoneville, MS.

Company/Cultivar	Disease evaluation (0-9 scale)			
	Curvularia leaf spot	NCLB	Southern rust	Lodging (%)
AgriGold A645-16VT2RIB	1.0 i	0.0 e	5.5 e-i	1.3 bc
AgriGold A647-35-5222	1.0 i	0.3 de	6.5 b-e	0.0 c
AgriGold A647-42TRC	1.0 i	0.3 de	7.8 abc	0.0 c
AgriGold A6544VT2RIB	1.0 i	0.8 cde	6.0 c-g	0.3 c
AgriGold A6659VT2RIB	3.0 ef	0.3 de	3.5 kl	0.0 c
Augusta Seed A1367	1.0 i	1.8 ab	8.0 a	0.0 c
Augusta Seed A4467	1.0 i	2.3 a	7.0 a-d	0.0 c
Augusta Seed A4565	1.0 i	0.3 de	7.3 abc	0.0 c
Beck's Hybrids 6374V2P	1.3 hi	0.0 e	6.3 c-f	0.8 c
Beck's Hybrids 6414V2P	6.3 ab	1.0 bcd	3.3 lm	0.0 c
Beck's Hybrids 6557V2P	1.0 i	0.3 de	6.3 c-f	0.5 c
Beck's Hybrids 6743AML	1.0 i	2.3 a	5.8 e-h	0.0 c
BH Genetics BH 8721VT2P	1.0 i	1.3 bc	5.8 e-h	1.8 bc
BH Genetics BH 8820VT2P(X18053VT2P)	1.0 i	0.3 de	6.5 b-e	0.0 c
BH Genetics BH 8966VT2P	1.0 i	0.0 e	6.3 c-f	0.0 c
Croplan CP5370VT2P	1.0 i	0.0 e	6.3 c-f	0.0 c
Croplan CP5497VT2P	1.5 ghi	0.5 cde	6.0 c-g	0.0 c
Croplan CP5550VT2P	1.0 i	1.3 bc	5.8 e-h	0.0 c
Dekalb DKC62-89	1.0 i	0.5 cde	6.8 a-e	0.5 c
Dekalb DKC65-99	3.8 de	0.0 e	2.0 m	1.3 bc
Dekalb DKC66-18	1.0 i	0.0 e	6.0 c-g	0.0 c
Dekalb DKC67-44	1.5 ghi	0.0 e	6.8 a-e	2.5 bc
Dekalb DKC67-94	1.3 hi	0.0 e	5.0 f-j	0.0 c
Dekalb DKC68-69	1.3 hi	0.3 de	4.3 i-l	1.3 bc
Dekalb DKC69-99	1.0 i	0.5 cde	6.5 b-e	1.3 bc
Dekalb DKC70-27	1.0 i	0.5 cde	4.8 g-k	1.3 bc
Dyna-Gro D52VC63	1.0 i	0.0 e	7.0 a-d	0.0 c
Dyna-Gro D54VC14	5.8 abc	0.8 cde	3.3 lm	0.0 c
Dyna-Gro D54VC34	1.8 ghi	0.8 cde	6.5 b-e	0.0 c
Dyna-Gro D55VC80	1.0 i	0.0 e	4.5 h-l	0.8 c
Dyna-Gro D57VC51	2.3 fgh	0.5 cde	4.0 jkl	0.0 c
Dyna-Gro D58VC65	1.8 ghi	1.0 bcd	5.8 e-h	0.0 c
Gateway Seed 0916 Tre	3.0 ef	0.5 cde	3.5 kl	0.0 c
Gateway Seed 1717 VT2Pro	1.0 i	0.5 cde	6.0 c-g	0.5 c
Gateway Seed 9714 VT2Pro	4.8 cd	0.3 de	4.0 jkl	0.0 c
Gateway Seed X1719 VT2Pro	1.0 i	0.0 e	5.8 e-h	0.0 c
Great Heart HT-7256DGVT2P	1.0 i	0.5 cde	7.3 abc	0.0 c
Great Heart HT-7302VT2P	6.8 a	1.0 bcd	3.5 kl	0.0 c
Great Heart HT-7337VT2P	1.3 hi	0.3 de	6.3 c-f	0.5 c
Great Heart HT-7425DGVT2P	1.3 hi	0.0 e	6.8 a-e	0.0 c
Great Heart HT-7890VT2P	1.0 i	0.0 e	6.0 c-g	0.0 c
Innvictus Seed MEX1280DGVT2P*	1.0 i	0.0 e	7.3 abc	2.5 bc
Innvictus Seed MEX1580VT2P*	1.0 i	0.3 de	7.0 a-d	0.5 c
Innvictus Seed MEX1671TRE*	1.0 i	0.0 e	7.0 a-d	0.0 c
LG Seeds 5643	1.0 i	1.3 bc	4.8 g-k	0.5 c
LG Seeds 5701	1.8 ghi	0.0 e	3.3 lm	1.0 bc
LG Seeds LG5650VT2RIB	1.0 i	0.0 e	7.3 abc	1.3 bc
LG Seeds LG66C44	1.0 i	0.0 e	4.5 h-l	1.0 bc
LG Seeds LG68C22VT2RIB	1.0 i	0.3 de	7.8 abc	3.5 bc
Local Seed Co. LC 1407 VT2P(LCX14-20)	1.0 i	0.8 cde	5.0 f-j	0.0 c

Local Seed Co. LC1307TC(LCX13-20TC)	1.0 i	0.3 de	7.0 a-d	0.0 c
Local Seed Co. LC1497 DGVT2P	1.0 i	0.3 de	7.0 a-d	0.0 c
Local Seed Co. LC1506 VT2P(LCX15-20)	0.8 i	0.5 cde	4.5 h-l	2.5 bc
Local Seed Co. LC1577 VT2P	5.5 bc	0.3 de	3.8 jkl	0.0 c
Local Seed Co. LC1616 TC	1.0 i	0.3 de	7.0 a-d	0.0 c
Local Seed Co. LC1707 VT2P(LCX17-21)	1.0 i	0.3 de	4.5 h-l	0.0 c
Local Seed Co. LC1898 TC	1.0 i	0.5 cde	3.8 jkl	0.0 c
Local Seed Co. LC1919 VT2P	1.0 i	0.5 cde	5.5 e-i	2.5 bc
Local Seed Co. LC1987 VT2P	1.0 i	0.8 cde	4.3 i-l	0.0 c
MorCorn MC 4311 (SXP0113)	2.5 fg	0.0 e	6.3 c-f	2.5 bc
MorCorn MC 4670	1.5 ghi	0.0 e	4.8 g-k	1.3 bc
MorCorn MC 4725	1.0 i	0.3 de	7.0 a-d	7.5 a
Pioneer P1870YHR	1.3 hi	1.3 bc	4.5 h-l	0.0 c
Pioneer P2042VYHR	1.0 i	1.3 bc	7.3 abc	0.0 c
Progeny PGY 2012VT2P	1.0 i	0.0 e	7.3 abc	0.3 c
Progeny PGY 2015VT2P	1.3 hi	1.3 bc	4.8 g-k	2.5 bc
Progeny PGY 2025DGVT2P	1.0 i	0.0 e	7.0 a-d	0.0 c
Progeny PGY 2118VT2P (EXP 2018SS)	1.0 i	0.3 de	6.0 c-g	0.0 c
Progeny PGY 8116SS	1.5 ghi	0.8 cde	6.3 c-f	0.0 c
Progeny PGY 8116VT2P	1.0 i	0.0 e	7.0 a-d	0.3 c
Progeny PGY 9117VT2P	1.0 i	0.8 cde	6.5 b-e	0.3 c
Progeny PGY EXP115TRE*	1.0 i	0.3 de	6.3 c-f	0.0 c
Progeny PGY EXP116VT2P*	1.0 i	0.5 cde	6.0 c-g	0.0 c
MSE (0.05)	0.7	0.4	0.9	3.3
CV (%)	53.5	145.1	16.9	300.7
<i>P</i> -value for F-statistic	<0.0001	<0.0001	<0.0001	0.0028

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 ($P=0.05$).