

Results of foliar disease evaluations made on the MSU official hybrid trial shortly before physiological maturity of Curvularia leaf spot and southern rust from the non-irrigated corn hybrid trial conducted at Aberdeen, MS.

Company/Cultivar	Disease evaluation (0-9 scale)	
	Curvularia leaf spot	Southern rust
AgriGold A645-16VT2RIB	1.5 fgh	0.0 d
AgriGold A645-80-3110	1.0 h	0.0 d
AgriGold A647-42TRC	2.0 d-g	0.5 bcd
AgriGold A6544VT2RIB	1.0 h	0.0 d
AgriGold A6659VT2RIB	2.3 c-f	0.5 bcd
Croplan CP5370VT2P	1.0 h	0.0 d
Croplan CP5497VT2P	2.5 b-e	0.5 bcd
Croplan CP5550VT2P	1.5 fgh	0.5 bcd
DeKalb DKC62-89	2.8 bcd	1.3 a
DeKalb DKC65-99	1.0 h	0.0 d
DeKalb DKC66-18	1.0 h	0.5 bcd
DeKalb DKC67-44	2.3 c-f	0.0 d
DeKalb DKC67-94	2.0 d-g	0.5 bcd
DeKalb DKC68-69	1.5 fgh	0.0 d
DeKalb DKC69-99	1.5 fgh	0.3 cd
DeKalb DKC70-27	1.3 gh	0.0 d
Dyna-Gro D52VC63	1.5 fgh	0.8 abc
Dyna-Gro D54VC14	2.8 bcd	0.5 bcd
Dyna-Gro D54VC34	4.0 ab	0.8 abc
Dyna-Gro D55VC80	1.3 gh	0.0 d
Dyna-Gro D57VC51	2.0 d-g	0.5 bcd
Dyna-Gro D58VC22	1.3 gh	0.5 bcd
Dyna-Gro D58VC65	2.0 d-g	1.0 ab
Dyna-Gro LC1506 VT2P(LCX15-20)	2.0 d-g	0.3 cd
Great Heart HT-7302VT2P	3.0 bc	0.5 bcd
Great Heart HT-7337VT2P	1.3 gh	0.3 cd
Great Heart HT-7890VT2P	2.0 d-g	0.3 cd
Innivictus Seed MEX1280DGVT2P*	1.3 gh	0.5 bcd
Innivictus Seed MEX1580VT2P*	1.0 h	0.0 d
Innivictus Seed MEX1671TRE*	1.5 fgh	0.3 cd
LG Seeds 5643	1.0 h	0.3 cd
LG Seeds 5650	1.0 h	0.5 bcd
LG Seeds 5701	2.0 d-g	0.8 abc
LG Seeds 64C30	2.0 d-g	0.5 bcd
LG Seeds 66C44	1.5 fgh	0.3 cd
Local Seed Co. LC 1407 VT2P(LCX14-20)	1.0 h	0.5 bcd
Local Seed Co. LC1307TC(LCX13-20TC)	1.5 fgh	0.3 cd
Local Seed Co. LC1497 DGVT2P	1.3 gh	1.0 ab
Local Seed Co. LC1577 VT2P	3.3 ab	0.0 d
Local Seed Co. LC1616 TC	1.3 gh	0.3 cd
Local Seed Co. LC1707 VT2P(LCX17-21)	1.3 gh	0.5 bcd
Local Seed Co. LC1898 TC	1.3 gh	0.0 d
Local Seed Co. LC1919 VT2P	1.0 h	1.0 ab
Local Seed Co. LC1987 VT2P	1.5 fgh	0.0 d
MorCorn MC 4311 (SXP0113)	1.8 e-h	0.3 cd
MorCorn MC 4670	1.8 e-h	0.0 d
MorCorn MC 4725	1.5 fgh	0.5 bcd
Pioneer P1077YHR	1.5 fgh	0.5 bcd
Pioneer P1464VYHR	1.3 gh	0.5 bcd
Progeny PGY 2015VT2P	1.3 gh	0.3 cd
Progeny PGY 2025DGVT2P	1.5 fgh	1.0 ab
Progeny PGY 2118VT2P (EXP 2018SS)	1.8 e-h	0.3 cd

Progeny PGY 8116SS	2.0 d-g	0.3 cd
Progeny PGY 8116VT2P	2.0 d-g	0.0 d
Progeny PGY 9114VT2P	2.5 c-f	0.3 cd
Progeny PGY 9117VT2P	1.3 gh	0.0 d
Progeny PGY EXP115TRE*	1.8 e-h	0.3 cd
Progeny PGY EXP116VT2P*	1.0 h	0.8 abc
MSE (0.05)	0.4	0.3
CV (%)	39.2	142.4
<i>P</i> -value for F-statistic	<0.0001	0.0264

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 ($P=0.05$).

2021 NON-IRR Aberdeen OHT