

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 Olive Branch, MS

Company/Cultivar	Disease evaluation (0-9 scale)	
	Curvularia leaf spot	Southern rust
AgriGold A645-16VT2RIB	0.0 b	4.0 g-l
AgriGold A645-80-3110	0.0 b	2.8 lm
AgriGold A647-42TRC	0.0 b	6.8 ab
AgriGold A6544VT2RIB	0.0 b	2.8 lm
AgriGold A6659VT2RIB	0.0 b	3.0 klm
Croplan CP5370VT2P	0.0 b	4.3 f-l
Croplan CP5497VT2P	0.0 b	4.5 e-k
Croplan CP5550VT2P	0.0 b	5.3 b-h
DeKalb DKC62-89	0.0 b	5.5 a-g
DeKalb DKC65-99	0.5 b	1.5 m
DeKalb DKC66-18	0.0 b	5.8 a-f
DeKalb DKC67-44	0.0 b	4.0 g-l
DeKalb DKC67-94	0.0 b	4.3 f-l
DeKalb DKC68-69	0.0 b	3.5 i-l
DeKalb DKC69-99	0.0 b	4.3 f-l
DeKalb DKC70-27	0.0 b	3.0 klm
Dyna-Gro D52VC63	0.0 b	6.8 ab
Dyna-Gro D54VC14	2.5 a	3.8 h-l
Dyna-Gro D54VC34	0.0 b	6.3 a-d
Dyna-Gro D55VC80	0.0 b	3.5 i-l
Dyna-Gro D57VC51	0.0 b	2.8 lm
Dyna-Gro D58VC22	0.0 b	5.5 a-g
Dyna-Gro D58VC65	0.0 b	4.8 d-j
Dyna-Gro LC1506 VT2P(LCX15-20)	0.0 b	3.8 h-l
Great Heart HT-7302VT2P	0.0 b	6.0 a-e
Great Heart HT-7337VT2P	0.0 b	5.3 b-h
Great Heart HT-7890VT2P	0.0 b	4.8 d-j
Inn victus Seed MEX1280DGVT2P*	0.0 b	4.8 d-j
Inn victus Seed MEX1580VT2P*	0.0 b	5.5 a-g
Inn victus Seed MEX1671TRE*	0.0 b	6.5 abc
LG Seeds 5643	0.0 b	5.0 c-i
LG Seeds 5650	0.0 b	5.5 a-g
LG Seeds 5701	0.0 b	3.8 h-l
LG Seeds 64C30	0.0 b	4.8 d-j
LG Seeds 66C44	0.0 b	3.3 jkl
Local Seed Co. LC 1407 VT2P(LCX14-20)	0.0 b	4.5 e-k
Local Seed Co. LC1307TC(LCX13-20TC)	0.0 b	7.0 a
Local Seed Co. LC1497 DGVT2P	0.0 b	6.0 a-e
Local Seed Co. LC1577 VT2P	0.0 b	5.3 b-h
Local Seed Co. LC1616 TC	0.0 b	5.8 a-f
Local Seed Co. LC1707 VT2P(LCX17-21)	0.0 b	5.5 a-g
Local Seed Co. LC1898 TC	0.0 b	4.5 e-k
Local Seed Co. LC1919 VT2P	0.0 b	3.8 h-l
Local Seed Co. LC1987 VT2P	0.0 b	3.3 jkl
MorCorn MC 4311 (SXP0113)	0.0 b	4.0 g-l
MorCorn MC 4670	0.0 b	3.5 i-l
MorCorn MC 4725	0.0 b	5.0 c-i
Pioneer P1077YHR	0.0 b	6.0 a-e
Pioneer P1464VYHR	0.0 b	5.3 b-h
Progeny PGY 2015VT2P	0.0 b	4.3 f-l
Progeny PGY 2025DGVT2P	0.0 b	5.8 a-f

Progeny PGY 2118VT2P (EXP 2018SS)	0.0 b	5.8 a-f
Progeny PGY 8116SS	0.0 b	6.5 abc
Progeny PGY 8116VT2P	0.0 b	5.3 b-h
Progeny PGY 9114VT2P	0.0 b	3.8 h-l
Progeny PGY 9117VT2P	0.0 b	5.3 b-h
Progeny PGY EXP115TRE*	0.0 b	5.8 a-f
Progeny PGY EXP116VT2P*	0.0 b	3.8 h-l
MSE (0.05)	0.2	1.4
CV (%)	881.5	25.1
<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 ( $P=0.05$ ).

2021 NON-IRR Olive Branch OHT