

Results of foliar disease evaluations made on the MSU official hybrid trial around dent (R5) from the irrigated corn hybrid trial conducted at Macon, MS.

Company/Cultivar	Disease evaluation (0-9 scale)		
	Curvularia leaf spot ^a	Southern corn leaf blight	Abiotic disorder ^b
AgriGold A647-79VT2PRO	3.5 h-k	1.0 d	2.3 a-d
AgriGold A648-11VT2PRO	4.0 f-i	2.0 b	2.0 a-e
BH Genetics BH 8566VT2P	3.0 i-m	1.3 cd	2.3 a-d
BH Genetics BH 8721VT2P	2.7 k-n	1.7 bcd	1.0 e
Croplan CP 5208 VT2P	2.5 k-o	4.0 a	1.3 de
Croplan CP 5893 TRE	4.0 f-i	1.0 d	1.0 d
Dekalb DKC62-70	4.0 f-i	1.3 cd	2.5 abc
Dekalb DKC64-22	3.8 g-j	1.8 bc	1.3 de
Dekalb DKC65-99	4.0 f-i	2.0 b	1.8 b-e
Dekalb DKC66-06	2.5 k-o	1.5 bcd	2.3 a-d
Dekalb DKC67-44	2.8 j-n	1.3 cd	1.3 de
Dekalb DKC68-35	3.5 h-k	1.3 cd	2.3 a-d
Dekalb DKC68-69	3.3 h-l	1.0 d	1.8 b-e
Dekalb DKC70-45	2.0 mno	1.3 cd	1.5 cde
Dyna-Gro D54VC14	6.3 bc	1.3 cd	2.5 abc
Dyna-Gro D56TC44	7.5 a	1.0 d	1.5 cde
Dyna-Gro D57TC29	3.5 h-k	1.3 cd	1.8 b-e
Dyna-Gro D57VC53	2.3 l-o	1.5 bcd	1.5 cde
Dyna-Gro D58TC94	3.3 h-l	1.0 d	1.0 e
Dyna-Gro D58VC65	4.8 d-g	1.0 d	2.5 abc
Dyna-Gro D58VC74	2.8 j-n	1.0 d	1.0 e
Gateway 1717VT2P	3.3 h-l	1.5 bcd	2.3 a-d
Gateway 2716VT2P	3.0 i-m	1.0 d	3.0 a
Gateway 3919TRE	2.8 j-n	1.3 cd	2.0 a-e
Great Heart HT-7302VT2P	5.3 cde	1.3 cd	2.0 a-e
Great Heart HT-7317VT2P	2.0 mno	1.8 bc	2.5 abc
Great Heart HT-7329PC	2.5 k-o	1.3 cd	1.8 b-e
Great Heart HT-7360VT2P	1.5 o	1.3 cd	1.0 e
Great Heart HT-7393VT2P	3.3 h-i	1.0 d	2.3 a-d
Great Heart HT-7499TRE	2.0 mno	2.0 b	1.3 de
Great Heart HT-7500TRE	2.5 k-o	1.0 d	1.5 cde
Innictis A1542T	6.8 a-b	1.3 cd	2.8 ab
Innictis A1551VT2P	4.0 f-i	1.3 cd	1.5 cde
Innictis A1689T	3.3 h-k	1.3 cd	1.8 b-e
Innictis X1993VT2P	3.0 i-m	1.3 cd	2.0 a-e
LG Seeds LG64C43VT2Pro	2.0 mno	1.5 bcd	1.8 b-e
LG Seeds LG66C06VT2Pro	2.0 mno	1.0 d	2.5 abc
LG Seeds LG67C07VT2Pro	3.5 h-k	1.5 bcd	2.0 a-e
LG Seeds LG68C18VT2Pro	3.0 i-m	2.0 b	2.5 abc
Pioneer P0953YHR	2.0 mno	1.0 d	1.3 de
Pioneer P1511YHR	1.8 no	1.3 cd	2.3 a-d
Pioneer P17052YHR	2.5 k-o	1.3 cd	2.0 a-e
Pioneer P1718YHR	2.2 mno	1.0 d	1.5 cde
Progeny Ag. PGY 2010TRE	5.0 def	1.0 d	2.0 a-e
Progeny Ag. PGY 2118VT2P	2.0 mno	1.5 bcd	1.8 b-e
Progeny Ag. PGY 2215TRE	2.8 j-m	1.4 bcd	2.0 a-e
Progeny Ag. PGY 2314TRE	3.8 g-j	1.0 d	1.3 de
Progeny Ag. PGY 9114VT2P	6.5 ab	1.0 d	2.5 abc
Progeny Ag. PGY 9117VT2P	2.3 l-o	2.0 b	1.0 d
Revere Seed RV1307 TC	4.3 e-h	1.0 d	2.3 a-d
Revere Seed RV1577 VT2P	5.8 bcd	1.0 d	2.8 ab

Revere Seed RV1627 TC	3.0 i-m	1.5 bcd	2.5 abc
Revere Seed RV1839 TC	2.8 j-n	1.5 bcd	2.0 a-e
MSE (0.05)	0.5	0.3	0.5
CV (%)	21.7	37.0	38.5
<i>P</i> -value for F-statistic	<0.0001	<0.0001	0.0002

^a Means followed by the same letter(s) within a column are not significantly different according to Fisher's Protected LSD ($P=0.05$).

^b At present the abiotic disorder has been associated with possible abiotic issues in corn production. For example, ozone makes a similar symptom on corn leaves. As we learn more information on this particular situation the name or organism associated with producing these lesions may change.

Macon, MS Irrigated OHT