

Results of foliar disease evaluations made on the MSU official hybrid trial shortly before physiological maturity of Curvularia leaf spot, northern and southern corn leaf blight (NCLB and SCLB, respectively), and yield from the irrigated corn hybrid trial conducted at Minter City, MS.

Hybrid	Disease evaluation (0-9 scale)				Yield (bu/A)
	Curvularia	NCLB	SCLB		
AgriGold A644-32TRCRIB	2.3 d-i	0.3 cd	1.8		204.8
AgriGold A645-16VT2PRO	2.0 d-i	0.3 cd	2.0		237.9
AgriGold A647-46VT2PRO	1.5 hij	0.3 cd	1.5		222.0
AgriGold A648-54STX	1.0 j	0.0 d	1.8		215.0
AgriGold A6544VT2RIB	1.3 ij	0.5 cd	1.5		226.6
AgriGold A6572VT2RIB	2.3 c-h	0.3 cd	1.5		205.5
AgriGold A6659VT2RIB	3.0 a-d	0.3 cd	1.3		226.6
Armor A1688T	2.3 c-h	0.0 d	1.8		218.2
Armor A1810	1.8 g-j	0.3 cd	1.8		205.7
Armor X8117*	2.3 c-h	1.5 a	1.5		202.6
Armor X9115*	2.0 d-i	0.0 d	1.8		234.4
Armor X9115B*	2.0 d-i	0.3 cd	1.8		220.4
Augusta Seed Co. A1065	1.5 hij	0.3 cd	2.0		212.9
Augusta Seed Co. A1367	2.8 b-h	0.5 bcd	1.5		205.6
Augusta Seed Co. A4565	1.8 g-j	0.8 abc	1.8		212.4
BH Genetics BH 8721VT2P	2.0 f-j	0.5 bcd	1.8		210.8
BH Genetics X18009TRE	2.0 e-i	0.3 cd	1.5		208.2
BH Genetics X18052VT2P	2.3 c-h	2.5 a	1.8		223.6
Croplan C5678	1.3 ij	0.5 bcd	1.3		218.0
Dekalb DKC62-53	2.8 a-g	0.5 bcd	2.0		227.4
Dekalb DKC64-35	1.8 g-j	0.3 cd	1.8		223.9
Dekalb DKC65-95	2.3 c-h	0.0 d	1.8		233.3
Dekalb DKC66-18	1.8 g-j	0.3 cd	1.5		230.6
Dekalb DKC66-75	1.5 hij	0.0 d	1.3		238.4
Dekalb DKC67-44	1.5 hij	0.0 d	1.8		213.9
Dekalb DKC68-26	2.0 d-i	0.0 d	1.8		228.4
Dekalb DKC68-69	2.0 d-i	0.0 d	1.8		220.4
Dekalb DKC70-27	1.3 ij	0.3 cd	1.3		232.9
Dyna-Gro D54VC14	2.8 a-g	0.0 d	1.5		216.9
Dyna-Gro D55VC80	1.8 g-j	0.5 bcd	1.8		230.9
Dyna-Gro D57VC17	2.3 c-h	0.3 cd	1.8		220.0
Dyna-Gro D57VC51	2.5 c-h	0.0 d	1.8		237.5
Dyna-Gro D58VC65	2.3 c-h	1.0 ab	1.5		231.0
Great Heart Seed HT-7302VT2P	3.3 a-e	0.8 abc	2.0		228.8
Great Heart Seed HT-7381VT2P	6.3 a	1.5 abc	1.8		207.1
Great Heart Seed HT-7425DGV2P	2.0 d-i	0.0 d	1.0		213.8
Great Heart Seed HT-7676VT2P	1.8 g-j	0.3 cd	1.3		216.7
LG Seeds LG5643VT2RIB	1.8 g-j	0.3 cd	1.3		220.1
LG Seeds LG5650VT2RIB	1.3 ij	0.0 d	2.0		224.9
LG Seeds LG5701VT2RIB	2.5 b-h	0.8 abc	1.5		230.8
LG Seeds LG64C30TRCRIB	2.0 d-i	0.3 cd	1.3		209.0
LG Seeds LG66C32VT2RIB	3.0 a-g	0.3 cd	1.8		213.3
LG Seeds LG68C22VT2RIB	2.0 d-i	0.0 d	1.5		226.3
Local Seed Company AV7516 YHB	1.8 g-j	1.0 abc	1.3		195.7
Local Seed Company AV8614 YHB	2.3 c-h	3.0 a	1.5		198.8
Local Seed Company LC0877 VT2PRIB	3.5 a-g	0.8 abc	2.5		227.9
Local Seed Company LC1289 VT2PRIB	1.5 hij	0.0 d	2.3		207.7
Local Seed Company LC1488 VT2PRIB	3.5 a-d	0.0 d	1.3		215.9
Local Seed Company LC1577 VT2PRIB	4.0 a-f	0.3 cd	1.3		222.8
Local Seed Company LC1586 TC	1.8 g-j	0.3 cd	1.3		186.1
Local Seed Company LC1776 VT2P	2.0 d-i	0.3 cd	2.0		236.4
Local Seed Company LC1878 VT2P	2.0 d-i	0.5 bcd	2.0		215.0
Local Seed Company LC1987 VT2P	1.3 ij	0.0 d	1.8		212.4
Local Seed Company LCX16-91*	1.3 ij	0.3 cd	1.8		201.7
Local Seed Company LCX17-98*	3.8 a-f	0.0 d	1.8		223.7
Mission Seeds A1687VT2P	4.8 ab	0.5 cd	1.8		214.8
MorCorn MC 4255	1.5 hij	0.3 cd	2.5		211.3
MorCorn MC 4319	5.5 a	0.5 bcd	1.5		214.9
MorCorn MC 4725	2.3 hij	0.0 d	1.5		207.0
Pioneer P1870YHR	2.0 d-i	0.0 d	1.7		216.7
Progeny Ag. EXP1912*	3.3 abc	0.0 d	2.0		219.2

Hybrid	Disease evaluation (0-9 scale)				Yield (bu/A)
	Curvularia	NCLB	SCLB		
Progeny Ag. EXP1913*	1.5 hij	0.3 cd	1.5		194.5
Progeny Ag. EXP1915*	1.8 g-j	0.0 d	1.8		187.3
Progeny Ag. PGY 5115VT2P	2.3 c-h	0.0 d	2.3		223.5
Progeny Ag. PGY 6116VT2P	3.3 abc	0.5 bcd	1.0		201.1
Progeny Ag. PGY 6119VT2P	2.0 d-i	0.3 cd	2.3		209.8
Progeny Ag. PGY 8116SS	1.5 hij	0.3 cd	2.0		182.5
Progeny Ag. PGY 9114VT2P	2.8 a-g	0.3 cd	1.3		216.6
Progeny Ag. PGY 9117VT2P	2.0 d-i	0.0 d	2.0		205.1
Terral REV 24BHR99	1.8 g-j	0.5 bcd	1.5		208.6
Terral REV 24LPR70	1.8 g-j	0.0 d	2.3		194.9
Terral REV 25BHR80	1.8 g-j	0.3 cd	2.0		197.4
Terral REV 25BHR89	1.5 hij	0.5 bcd	1.5		192.3
Terral REV 26BHR30	1.5 hij	0.5 cd	1.8		197.0
Terral REV 28BHR18	1.8 g-j	0.3 cd	2.0		205.4
	<i>p</i> -value	<0.0001	<0.0001	0.1496	-
	CV	45.1	40.4	49.7	8.3
	LSD	1.3	0.8	0.8	24.8

Asterisk (*) indicates an experimental hybrid. Yield data were reported by the Mississippi State University Variety Testing Program.

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