

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 clay corn hybrid trial conducted at Stoneville, MS.

Hybrid	Disease evaluation (0-9 scale)				
	Curvularia	NCLB	SCLB	Yield (bu/A)	
AgriGold A644-32TRCRIB	4.7 c-j	0.0 h	2.0 bc	180.1	
AgriGold A645-16VT2PRO	2.3 c-j	0.7 fgh	2.3 abc	161.6	
AgriGold A647-46VT2PRO	2.0 d-j	0.7 fgh	3.3 a	173.0	
AgriGold A648-54STX	2.0 d-j	1.0 d-g	2.7 ab	155.0	
AgriGold A6544VT2RIB	1.3 b-i	1.7 a-f	2.0 bc	184.9	
AgriGold A6572VT2RIB	3.3 c-j	1.0 d-g	2.0 bc	189.6	
AgriGold A6659VT2RIB	5.7 d-j	1.3 c-f	2.3 abc	211.6	
Armor A1688T	3.3 a	0.3 gh	2.3 abc	197.2	
Armor A1810	2.7 abc	2.0 a-d	2.3 abc	156.2	
Armor X8117*	3.0 a	2.0 abc	2.0 bc	171.4	
Armor X9115*	3.3 a	0.3 gh	3.0 ab	173.4	
Armor X9115B*	1.7 a	2.7 abc	2.3 abc	175.9	
Augusta Seed Co. A1065	1.3 jkl	2.7 abc	1.7 c	163.1	
Augusta Seed Co. A1367	4.3 i-l	5.0 a	2.0 bc	206.2	
Augusta Seed Co. A4565	3.0 jkl	1.0 d-g	2.3 abc	192.0	
BH Genetics BH 8721VT2P	1.7 g-k	1.7 a-f	2.3 abc	194.5	
BH Genetics X18009TRE	2.0 g-k	1.3 c-f	1.7 c	187.4	
BH Genetics X18052VT2P	2.0 g-k	3.3 ab	2.7 ab	167.7	
Croplan C5678	2.0 ab	1.0 d-g	2.0 bc	159.3	
Dekalb DKC62-53	4.7 jkl	0.7 fgh	2.7 ab	178.7	
Dekalb DKC64-35	3.3 jkl	0.7 fgh	2.3 abc	174.0	
Dekalb DKC65-95	4.0 jkl	1.0 d-g	2.7 ab	186.6	
Dekalb DKC66-18	1.7 jkl	0.7 fgh	2.3 abc	168.2	
Dekalb DKC66-75	2.3 jkl	0.7 fgh	2.0 bc	178.2	
Dekalb DKC67-44	3.3 jkl	0.0 h	2.3 abc	190.6	
Dekalb DKC68-26	2.0 jkl	1.3 c-f	2.3 abc	161.6	
Dekalb DKC68-69	2.0 jkl	1.0 d-g	2.0 bc	190.5	
Dekalb DKC70-27	2.3 jkl	1.0 d-g	2.0 bc	173.1	
Dyna-Gro D54VC14	6.0 jkl	1.7 a-e	3.0 ab	165.6	
Dyna-Gro D55VC80	2.0 kl	0.7 fgh	2.0 bc	184.2	
Dyna-Gro D57VC17	3.7 kl	0.7 fgh	3.0 ab	177.3	
Dyna-Gro D57VC51	4.7 kl	1.0 d-g	2.3 abc	198.8	
Dyna-Gro D58VC65	2.3 kl	1.7 a-f	2.3 abc	184.7	
Great Heart Seed HT-7302VT2P	6.7 l	0.7 fgh	3.0 a	171.1	
Great Heart Seed HT-7381VT2P	7.0 l	1.7 a-e	2.7 ab	153.1	
Great Heart Seed HT-7425DGV2P	3.0 kl	0.7 fgh	2.0 bc	176.6	
Great Heart Seed HT-7676VT2P	3.0 l	1.0 d-g	2.0 bc	174.1	
LG Seeds LG5643VT2RIB	1.3 d-j	1.3 c-f	1.7 c	168.1	
LG Seeds LG5650VT2RIB	4.0 e-j	0.7 fgh	2.7 ab	182.2	
LG Seeds LG5701VT2RIB	5.0 e-k	1.3 c-f	2.3 abc	195.0	
LG Seeds LG64C30TRCRIB	2.3 d-j	0.0 h	2.7 abc	174.5	
LG Seeds LG66C32VT2RIB	3.7 e-k	1.0 d-g	3.0 a	154.9	
LG Seeds LG68C22VT2RIB	2.3 e-k	1.3 c-f	3.0 a	162.0	
Local Seed Company AV7516 YHB	2.0 kl	3.7 ab	2.0 bc	169.1	
Local Seed Company AV8614 YHB	4.0 g-l	3.3 ab	3.0 ab	204.9	
Local Seed Company LC0877 VT2PRIB	6.0 g-k	1.0 d-g	2.7 ab	160.1	
Local Seed Company LC1289 VT2PRIB	2.0 g-l	0.7 fgh	3.0 ab	148.7	
Local Seed Company LC1488 VT2PRIB	3.3 g-l	0.7 fgh	2.0 abc	171.9	
Local Seed Company LC1577 VT2PRIB	6.0 h-l	2.0 abc	2.7 ab	166.8	
Local Seed Company LC1586 TC	2.7 h-l	0.7 e-h	2.7 bc	169.0	
Local Seed Company LC1776 VT2P	3.0 i-l	1.7 a-e	2.0 bc	178.9	
Local Seed Company LC1878 VT2P	3.3 i-l	1.3 c-f	2.3 abc	177.5	
Local Seed Company LC1987 VT2P	2.7 i-l	0.7 fgh	2.0 bc	182.4	
Local Seed Company LCX16-91*	2.7 i-l	1.0 d-g	2.7 abc	163.3	
Local Seed Company LCX17-98*	3.0 i-l	0.3 gh	2.0 bc	173.5	
Mission Seeds A1687VT2P	7.0 f-k	1.0 d-g	2.0 bc	200.3	
MorCorn MC 4255	3.0 abc	0.7 fgh	2.7 abc	151.2	
MorCorn MC 4319	6.3 a-d	1.0 d-g	2.3 abc	158.9	
MorCorn MC 4725	1.7 a-e	1.0 d-g	2.3 abc	182.5	
Pioneer P1870YHR	3.5 abc	2.0 abc	2.0 bc	190.5	
Progeny Ag. EXP1912*	3.7 a-f	0.7 fgh	3.0 ab	165.7	

Hybrid	Disease evaluation (0-9 scale)						Yield (bu/A)
	Curvularia		NCLB		SCLB		
Progeny Ag. EXP1913*	3.3	a-f	0.0	h	1.7	c	169.6
Progeny Ag. EXP1915*	2.3	a-f	1.7	a-e	2.0	bc	179.0
Progeny Ag. PGY 5115VT2P	1.7	a-g	2.7	a-e	2.3	abc	174.1
Progeny Ag. PGY 6116VT2P	4.7	a-g	2.3	abc	2.3	abc	186.4
Progeny Ag. PGY 6119VT2P	2.3	a-h	1.7	a-f	2.7	abc	175.4
Progeny Ag. PGY 8116SS	3.0	a-g	0.7	fgh	3.0	a	173.0
Progeny Ag. PGY 9114VT2P	6.7	a-f	1.3	c-f	3.3	a	151.3
Progeny Ag. PGY 9117VT2P	2.7	a-h	1.0	d-g	2.3	abc	157.5
Terral REV 24BHR99	4.7	e-k	1.7	a-e	2.0	bc	182.7
Terral REV 24LPR70	3.0	e-k	1.0	d-g	3.0	a	167.4
Terral REV 25BHR80	1.7	e-k	2.7	a-d	2.0	bc	177.1
Terral REV 25BHR89	2.7	e-k	1.7	a-e	2.0	bc	174.7
Terral REV 26BHR30	2.0	f-k	4.0	a	2.0	bc	189.1
Terral REV 28BHR18	2.0	f-k	1.0	d-g	2.0	bc	177.4
	<i>p</i> -value	<0.0001		<0.0001	0.0109	-	-
	CV	38.9		40.7	45.1	8.4	8.4
	LSD	1.7		1.2	0.9	23.9	23.9

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

2019 IRR Stoneville clay ONT