

## Maturity Group IV Early Cercospora leaf blight ratings

Entry #	Brand	Variety	Disease rating (0-9)										Avg.	
			Brooksville	Clarksdale (irr)	Clarksdale (non-irr)	Falkner	Longwood	Olive Branch	Raymond	Stoneville (clay) non	Stoneville (clay)	Stoneville (loam)		
25	Armor	43-R43	.	.	5.3 bc	7.3 abc	5.3 cdef	6.0 defg	5.7 d	6.7 bcd	6.3 bc	4.3 bcd	5.0 def	<b>5.8</b>
17	Armor	44-R08	.	.	7.0 a	6.7 c	6.3 abcd	5.7 efg	6.0 cd	7.3 ab	6.0 bcd	4.7 bc	4.5 f	<b>6.0</b>
30	Armor	46-R65	.	.	5.0 c	7.7 ab	6.3 abcd	5.7 efg	6.0 cd	6.7 bcd	5.7 cd	4.3 bcd	5.0 def	<b>5.8</b>
18	Armor	AX 4430	.	.	5.3 bc	7.7 ab	5.7 bcdef	7.3 abc	7.0 a	7.0 abc	8.0 a	4.7 bc	5.0 def	<b>6.4</b>
29	Armor	AX 4440	.	.	5.7 bc	8.0 a	6.0 abcde	6.0 defg	6.0 cd	6.3 cd	6.0 bcd	4.3 bcd	5.0 def	<b>5.9</b>
24	Armor	AX 4450	.	.	5.0 c	7.3 abc	6.3 abcd	7.0 abcd	6.0 cd	6.0 d	5.5 d	5.0 b	5.0 def	<b>5.9</b>
32	Armor	AX 4460	.	.	5.0 c	7.7 ab	4.5 f	7.0 abcd	6.0 cd	6.7 bcd	6.0 bcd	4.5 bc	5.3 cde	<b>5.9</b>
1	Asgrow	AG 4135	.	.	7.7 a	8.0 a	7.0 ab	7.7 ab	6.7 ab	7.7 a	7.7 a	7.3 a	6.7 ab	<b>7.4</b>
4	Asgrow	AG 4232	.	.	5.0 c	7.0 bc	6.0 abcde	6.0 defg	6.0 cd	6.3 cd	5.7 cd	4.7 bc	5.0 def	<b>5.7</b>
2	Asgrow	AG 4533	.	.	5.7 bc	7.3 abc	6.7 abc	7.3 abc	6.0 cd	7.0 abc	5.7 cd	3.0 e	4.7 ef	<b>5.9</b>
5	Asgrow	AG 4534	.	.	5.0 c	7.3 abc	5.7 bcdef	6.0 defg	6.3 bc	6.3 cd	5.7 cd	4.0 cd	4.7 ef	<b>5.7</b>
3	Asgrow	AG 4632	.	.	5.3 bc	7.0 bc	5.0 def	6.3 cdef	6.0 cd	6.7 bcd	6.0 bcd	3.7 de	4.3	<b>5.6</b>
33	Croplan	R2C 4541	.	.	5.0 c	7.0 bc	6.3 abcd	6.3 cdef	6.3 bc	7.0 abc	6.0 bcd	4.0 cd	4.7 ef	<b>5.9</b>
6	Delta Grow	DG 4670 RR2	.	.	5.0 c	6.7 c	6.0 abcde	5.5 fg	6.0 cd	6.3 cd	5.3 d	4.0 cd	4.3 f	<b>5.5</b>
7	Delta Grow	DG 4685 RR2	.	.	5.3 bc	7.7 ab	6.3 abcd	6.0 defg	6.0 cd	7.0 abc	5.7 cd	4.7 bc	5.0 def	<b>6.0</b>
13	Dyna-Gro	31RY45	.	.	5.0 c	6.7 c	5.3 cdef	6.0 defg	7.0 a	7.3 ab	5.7 cd	3.7 de	4.7 ef	<b>5.7</b>
19	Dyna-Gro	S43RY95	.	.	6.0 b	7.7 ab	6.0 abcde	7.3 ab	6.0 cd	7.0 abc	6.0 bcd	4.0 cd	5.0 def	<b>6.1</b>
14	Dyna-Gro	S46RY85	.	.	5.3 bc	7.0 bc	6.3 abcd	5.5 fg	6.0 cd	7.0 abc	5.7 cd	4.3 bcd	5.0 def	<b>5.8</b>
12	Hornbeck	HBK RY 4620	.	.	5.3 bc	6.5 c	4.5 f	6.3 defg	6.0 cd	7.3 ab	5.7 cd	4.0 cd	4.3 f	<b>5.6</b>
8	Morsoy Extra	44x82	.	.	5.3 bc	7.7 ab	5.0 def	7.3 abc	6.3 bc	7.0 abc	5.7 cd	4.3 bcd	5.0 def	<b>6.0</b>
10	Morsoy Extra	46x04	.	.	5.3 bc	7.0 bc	5.3 cdef	5.7 efg	6.0 cd	6.3 cd	6.3 bc	4.7 bc	5.0 def	<b>5.7</b>
15	Mycogen	5N451R2	.	.	6.0 b	7.3 abc	6.0 abcde	6.7 bcde	6.0 cd	7.0 abc	5.7 cd	3.7 de	4.3 f	<b>5.9</b>
16	Mycogen	5N452R2	.	.	5.0 c	7.0 bc	6.0 abcde	6.3 cdef	6.0 cd	7.3 ab	6.0 bcd	4.0 cd	4.3 f	<b>5.8</b>
28	NK	S45-V8	.	.	5.3 bc	7.7 ab	6.3 abcd	6.3 cdef	6.3 bc	6.7 bcd	6.0 bcd	4.3 bcd	6.0 bc	<b>6.1</b>
27	NK	S46-L2	.	.	5.0 c	7.7 ab	6.5 abc	7.7 ab	7.0 a	7.3 ab	6.0 bcd	4.7 bc	5.0 def	<b>6.3</b>
20	Progeny	P 4211 RY	.	.	5.0 c	8.0 a	5.3 cdef	5.5 fg	6.0 cd	7.3 ab	6.0 bcd	4.0 cd	5.7 cd	<b>5.9</b>
21	Progeny	P 4440 RY	.	.	5.0 c	8.0 a	6.0 abcde	7.0 abcd	6.0 cd	6.7 bcd	8.0 a	5.0 b	5.0 def	<b>6.3</b>
22	Progeny	P 4510 RYS	.	.	5.0 c	6.7 c	5.3 cdef	5.0 efg	5.7 d	6.7 bcd	5.3 d	4.0 cd	5.0 def	<b>5.4</b>
23	Progeny	P 4613 RYS	.	.	5.7 bc	7.3 abc	6.0 abcde	6.0 defg	6.0 cd	7.0 abc	5.3 d	4.0 cd	5.0 def	<b>5.8</b>
11	Rev®	46R64™	.	.	6.0 b	7.3 abc	4.7 ef	7.7 ab	6.0 cd	7.0 abc	5.7 cd	4.3 bcd	5.0 def	<b>6.0</b>
31	Steyer	4303R2	.	.	7.0 a	8.0 a	5.5 cdef	8.0 a	6.7 ab	7.0 abc	6.7 b	7.0 a	7.0 a	<b>7.0</b>

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26	USG	74F24RS	.	.	7.3 a	8.0 a	7.3 a	7.3 abc	7.0 a	7.0 abc	6.7 b	4.3 bcd	7.0 a	<b>6.9</b>
9	USG	74F53R	.	.	5.0 c	7.7 ab	6.0 abcde	7.0 abcd	6.0 cd	7.3 ab	6.7 b	4.0 cd	5.0 def	<b>6.1</b>
		<i>R<sup>2</sup></i>			0.7842	0.4742	0.5339	0.7282	0.7160	0.625	0.7739	0.8169	0.7632	
		<i>CV</i>			8.59	7.94	13.29	9.47	4.50	6.91	7.26	10.63	9.12	
		<i>p-value</i>			<0.0001	0.0278	0.0107	<0.0001	<0.0001	0.0094	<0.0001	<0.0001	<0.0001	
		<i>LSD</i>			0.8	0.96	1.34	1.04	0.47	0.79	0.74	0.79	0.78	
		<i>St. Dev.</i>			0.81	0.65	0.90	0.95	0.41	0.62	0.74	0.87	0.75	

Ratings were conducted on a scale of 0-9 where 0=no disease and 9=severe disease symptoms

**Note:** varieties listed in highlighted (yellow) and italics are experimental