

## Maturity Group IV Late 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)		
44	Armor	47-R13	.	.	5.0 cd	7.0 bcd	5.0 ab	6.0 abcd	5.7 bc	6.0 bcd	5.7 bc	4.3	5.0 ab	5.5
33	Armor	48-R66	.	.	5.0 cd	7.0 bcd	5.3 a	6.0 abcd	6.0 bc	5.7 cde	5.3 cd	5.0	5.0 ab	5.6
40	Armor	49-R56	.	.	5.0 cd	7.0 bcd	4.3 bcd	5.7 bcde	6.0 bc	6.3 abc	5.3 cd	5.0	5.0 ab	5.5
47	Armor	AX 4470	.	.	5.0 cd	7.3 abc	4.3 bcd	5.3 cde	6.0 bc	6.3 abc	5.7 bc	4.3	4.7 bc	5.4
34	Armor	AX 4471	.	.	5.3 bc	7.7 ab	4.7 abc	5.3 cde	6.0 bc	6.3 abc	6.3 a	4.7	5.0 ab	5.7
51	Armor	AX 4480	.	.	5.0 cd	7.7 ab	4.0 cde	6.7 ab	6.3 ab	6.7 ab	6.0 ab	4.7	5.0 ab	5.8
48	Armor	AX 4490	.	.	5.0 cd	7.3 abc	4.3 bcd	5.3 cde	5.7 bc	6.3 abc	5.0 d	4.7	4.7 bc	5.4
52	Armor	DK 4744 (CK)	.	.	5.0 cd	7.0 bcd	5.0 ab	5.3 cde	6.0 bc	7.0 a	6.0 ab	4.7	5.0 ab	5.7
10	Asgrow	AG 4835	.	.	5.0 cd	7.0 bcd	3.7 de	5.7 bcde	5.7 bc	5.7 cde	5.0 d	4.3	4.7 bc	5.2
9	Asgrow	AG 4934	.	.	5.0 cd	7.3 abc	4.0 cde	5.0 de	6.0 bc	6.0 bcd	5.7 bc	4.3	4.7 bc	5.3
50	Croplan	R2C 4752S	.	.	5.0 cd	7.0 bcd	5.0 ab	5.7 bcde	6.0 bc	5.0 e	5.3 cd	4.7	5.3 a	5.4
53	Croplan	R2C 4873	.	.	5.0 cd	7.0 bcd	5.3 a	5.3 cde	6.0 bc	5.3 de	5.3 cd	4.7	4.7 bc	5.4
1	Delta Grow	DG 4755 RR2	.	.	4.3 e	7.7 ab	5.0 ab	7.0 a	6.0 bc	6.7 ab	6.0 ab	5.0	5.0 ab	5.9
2	Delta Grow	DG 4765 RR2/STS	.	.	5.0 cd	6.7 cde	5.3 a	6.0 abcd	6.0 bc	6.7 ab	5.0 d	4.7	4.7 bc	5.6
3	Delta Grow	DG 4775 RR2/STS	.	.	5.0 cd	6.7 cde	5.3 a	6.0 abcd	6.0 bc	6.0 bcd	5.7 bc	4.7	5.0 ab	5.6
4	Delta Grow	DG 4825 RR2/STS	.	.	5.0 cd	6.0 e	4.7 abc	5.7 bcde	5.7 bc	6.0 bcd	5.3 cd	4.7	4.5 bc	5.3
8	Delta Grow	DG 4880 RR	.	.	5.0 cd	6.0 e	4.3 bcd	5.7 bcde	5.7 bc	5.7 cde	5.0 d	5.0	5.0 ab	5.3
5	Delta Grow	DG 4925 RR2	.	.	5.3 bc	7.3 abc	4.0 cde	5.3 cde	5.3 c	5.7 cde	5.3 cd	4.3	4.7 bc	5.3
11	Delta Grow	DG 4930 RR2/STS	.	.	5.0 cd	6.7 cde	4.3 bcd	4.7 e	5.5 c	6.3 abc	5.3 cd	4.3	4.7 bc	5.2
6	Delta Grow	DG 4940 RR	.	.	5.7 ab	6.3 de	3.7 de	4.7 e	5.7 bc	5.7 cde	6.0 ab	5.0	5.0 ab	5.3
7	Delta Grow	DG 4970 RR	.	.	5.0 cd	7.3 abc	4.7 abc	5.7 bcde	6.0 bc	6.3 abc	5.0 d	5.0	4.7 bc	5.5
12	Delta Grow	DG 4985 RR2	.	.	5.0 cd	6.0 e	4.7 abc	5.0 de	5.3 c	5.0 e	5.0 d	4.7	5.0 ab	5.1
26	Dyna-Gro	37RY47	.	.	5.0 cd	7.0 bcd	3.7 de	5.7 bcde	6.3 ab	6.3 abc	5.7 bc	4.7	4.7 bc	5.4
27	Dyna-Gro	S47RY13	.	.	5.0 cd	7.7 ab	3.5 de	6.7 ab	6.0 bc	6.7 ab	5.3 cd	4.3	4.7 bc	5.5
29	Dyna-Gro	S48RS53	.	.	5.0 cd	6.7 cde	4.7 abc	6.3 abc	6.0 bc	6.3 abc	5.3 cd	4.7	5.0 ab	5.6
30	Dyna-Gro	S49RY25	.	.	5.0 cd	6.7 cde	4.3 bcd	5.0 de	6.0 bc	5.7 cde	5.3 cd	4.3	4.7 bc	5.2
28	Dyna-Gro	SX14847RS	.	.	5.3 bc	7.0 bcd	4.7 abc	5.7 bcde	6.0 bc	6.0 bcd	5.3 cd	4.7	4.3 c	5.4
16	Great Heart Seed	GT 476 CR2	.	.	5.0 cd	8.0 a	4.3 bcd	5.0 de	5.5 c	6.7 ab	5.3 cd	4.7	4.7 bc	5.5
49	Great Heart Seed	GT 482 CR2	.	.	5.0 cd	7.3 abc	5.3 a	6.0 abcd	6.3 ab	6.3 abc	5.7 bc	4.7	4.3 c	5.7
42	Hornbeck	BX 4959 RY	.	.	5.3 bc	7.0 bcd	3.3 e	5.7 bcde	5.7 bc	6.0 bcd	5.3 cd	4.7	4.7 bc	5.3
25	Hornbeck	HBK RY4721	.	.	6.0 a	7.3 abc	4.3 bcd	6.3 abc	6.0 bc	5.3 de	6.0 ab	4.3	4.7 bc	5.6

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13	Morsoy Extra	47x12	.	.	5.0 cd	6.7 cde	5.0 ab	5.0 de	6.0 bc	5.7 cde	5.0 d	4.7	5.0 ab	<b>5.3</b>
17	Morsoy Extra	48x02	.	.	5.3 bc	7.3 abc	4.3 bcd	7.0 a	5.7 bc	6.3 abc	6.0 ab	5.0	5.0 ab	<b>5.8</b>
14	Morsoy Extra	<i>48x34</i>	.	.	4.7 de	6.3 de	4.7 abc	5.0 de	6.0 bc	5.7 cde	5.0 d	4.0	4.5 bc	<b>5.1</b>
18	Morsoy Extra	<i>49x54</i>	.	.	5.0 cd	7.3 abc	3.7 de	5.0 de	5.7 bc	6.3 abc	5.0 d	4.3	5.0 ab	<b>5.3</b>
45	MPG	4714 NRR	.	.	5.0 cd	7.0 bcd	3.7 de	5.3 cde	6.0 bc	5.3 de	5.3 cd	4.3	5.0 ab	<b>5.2</b>
31	Mycogen	5N478R2	.	.	5.0 cd	7.5 abc	5.3 a	6.0 abcd	6.3 ab	6.3 abc	6.0 ab	4.7	4.7 bc	<b>5.8</b>
32	Mycogen	5N479R2	.	.	5.0 cd	6.7 cde	5.0 ab	5.3 cde	5.7 bc	6.0 bcd	5.0 d	4.7	5.0 ab	<b>5.4</b>
41	Mycogen	<i>MYCX 54490 NR2</i>	.	.	5.0 cd	7.7 ab	4.3 bcd	6.0 abcd	6.0 bc	5.3 de	5.0 d	5.5	5.0 ab	<b>5.5</b>
46	NK	S47-K5	.	.	5.0 cd	7.3 abc	4.3 bcd	6.0 abcd	6.0 bc	6.3 abc	5.0 d	4.3	4.7 bc	<b>5.4</b>
35	Progeny	P 4747 RY	.	.	5.0 cd	7.3 abc	4.3 bcd	6.0 abcd	5.7 bc	5.7 cde	5.3 cd	5.0	5.0 ab	<b>5.5</b>
36	Progeny	P 4788 RY	.	.	5.3 bc	8.0 a	3.7 de	7.0 a	7.0 a	6.3 abc	6.0 ab	4.7	5.0 ab	<b>5.9</b>
37	Progeny	P 4848 RYS	.	.	5.3 bc	7.0 bcd	4.3 bcd	5.7 bcde	6.0 bc	6.3 abc	5.0 d	4.7	4.3 c	<b>5.4</b>
38	Progeny	P 4850 RYS	.	.	5.3 bc	7.0 bcd	4.7 abc	5.0 de	5.3 c	6.3 abc	5.0 d	5.0	5.0 ab	<b>5.4</b>
39	Progeny	P 4900 RY	.	.	5.3 bc	7.0 bcd	4.0 cde	6.0 abcd	5.5 c	6.0 bcd	5.3 cd	4.7	5.3 ab	<b>5.5</b>
21	REV®	47R34™	.	.	5.7 ab	7.3 abc	4.3 bcd	6.7 ab	5.5 c	6.3 abc	5.3 cd	4.3	4.3 c	<b>5.5</b>
20	REV®	47R53™	.	.	5.3 bc	7.3 abc	4.3 bcd	6.0 abcd	5.7 bc	6.7 ab	6.0 ab	5.0	5.0 ab	<b>5.7</b>
23	REV®	48R22™	.	.	5.3 bc	7.7 ab	3.3 e	7.0 a	5.7 bc	6.0 bcd	6.0 ab	4.3	5.0 ab	<b>5.6</b>
22	REV®	48R44™	.	.	5.0 cd	7.7 ab	4.0 cde	7.0 a	6.0 bc	6.7 ab	5.0 d	4.7	4.7 bc	<b>5.6</b>
43	REV®	49A55™	.	.	5.3 bc	7.3 abc	4.7 abc	5.7 bcde	5.7 bc	5.7 cde	6.0 ab	4.7	5.0 ab	<b>5.6</b>
24	REV®	49R94™	.	.	5.3 bc	7.0 bcd	4.0 cde	5.7 bcde	5.7 bc	6.3 abc	5.7 bc	5.0	5.0 ab	<b>5.5</b>
19	USG	74B83R	.	.	5.0 cd	7.0 bcd	4.7 abc	5.7 bcde	5.3 c	5.7 cde	5.0 d	5.0	5.0 ab	<b>5.4</b>
15	USG	74B94RS	.	.	4.7 de	6.7 cde	4.7 abc	5.0 de	5.3 c	5.3 de	5.0 d	4.3	5.0 ab	<b>5.1</b>
			<b>R<sup>2</sup></b>		0.5171	0.5789	0.5668	0.6073	0.4875	0.5441	0.5934	0.3754	0.5936	
			<b>CV</b>		6.29	7.76	13.36	11.81	7.12	9.26	7.37	10.39	6.68	
			<b>p-value</b>		0.0052	0.0012	<0.0001	<0.0001	0.0381	0.0007	<0.0001	0.5091	0.0270	
			<b>LSD</b>		0.53	0.90	0.97	1.13	0.71	1.98	1.98	0.79	0.53	
			<b>St. Dev.</b>		0.37	0.69	0.73	0.87	0.46	0.67	0.51	0.49	0.41	

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