

Maturity Group V Early Frogeye leaf spot ratings

Entry #	Brand	Variety	Disease rating (0-9)								Avg.
			Brooksville	Clarksdale (irr)	Falkner	Longwood	Olive Branch	Raymond	Stoneville (clay)	Stoneville (loam)	
40	Armor	50-R44	1.5 efghi	4.3 efg	2.0 hij	4.0 efg	2.3 efg	3.0 hijk	6.3 bcde	4.3 ef	3.5
50	Armor	51-R50	4.0 ab	0.7 k	0.3 mn	1.3 klm	2.0 fgh	0.0 p	2.7 gh	1.0 k	1.5
43	Armor	53-R16	2.5 cdef	3.3 h	3.0 efg	2.3 ij	2.7 def	2.3 jkl	5.3 ef	4.7 def	3.3
39	Armor	AX 4500	2.3 cdef	5.3 cd	2.0 hij	3.3 gh	2.0 fgh	4.3 defg	6.3 bcde	5.0 cde	3.8
41	Armor	AX 4520	0.5 hij	0.7 k	1.0 klm	1.3 klm	1.0 ijk	0.0 p	1.7 h	1.3 jk	0.9
3	Asgrow	AG 5233	3.0 bcd	6.7 ab	3.7 de	6.0 bc	4.0 ab	5.3 bcd	6.7 abcd	6.7 b	5.3
4	Asgrow	AG 5332	3.0 bcd	6.0 bc	1.7 ijk	5.3 cd	2.7 def	5.0 bcde	6.3 bcde	5.7 c	4.5
26	Asgrow	AG 5533	1.0 ghij	1.7 ij	1.3 jkl	1.3 klm	0.3 k	0.3 op	5.0 f	2.3 ghi	1.7
6	Asgrow	AG 5535	0.7 hij	0.7 k	0.3 mn	1.0 lmn	1.0 ijk	0.0 p	2.3 ghi	1.3 jk	0.9
5	Asgrow	AG5335	2.5 cdef	6.7 ab	7.3 a	6.0 bc	3.3 bcd	6.0 ab	6.7 abcd	6.7 b	5.6
51	Croplan	R2C 5081	0.3 ij	1.0 jk	1.0 klm	1.7 jkl	0.7 jk	0.7 nop	2.0 ghi	1.3 jk	1.1
12	Delta Grow	DG 5230 RR2	0.5 hij	0.3 k	0.7 lmn	0.3 n	1.0 ijk	0.0 p	2.0 ghi	1.7 ijk	0.8
1	Delta Grow	DG 5475 RR2	2.0 defg	5.0 de	3.7 de	4.3 ef	2.0 fgh	4.3 defg	6.3 bcde	5.3 cd	4.1
2	Delta Grow	DG 5480 RR2	1.0 ghij	2.3 i	2.0 hij	3.7 fgh	1.0 ijk	1.3 lmno	5.0 f	3.0 g	2.4
44	Delta Grow	DG 5556 RR	1.7 efgh	0.3 k	2.7 fgh	1.0 lmn	1.0 ijk	0.3 op	2.7 gh	1.0 k	1.3
13	Delta Grow	DG 5575 RR2	1.3 fgghi	0.3 k	0.0 n	1.0 lmn	1.3 hij	0.3 op	5.0 f	1.3 jk	1.3
34	Dyna-Gro	32RY55	0.3 ij	0.7 k	1.7 ijk	1.0 lmn	1.3 hij	0.3 op	2.3 ghi	1.0 k	1.1
29	Dyna-Gro	S52RY75	0.7 hij	0.3 k	0.7 lmn	0.7 mn	0.7 jk	0.0 p	2.0 ghi	1.0 k	0.8
30	Dyna-Gro	S54RY43	2.3 cdef	4.7 def	3.7 de	3.7 fgh	3.0 cde	3.7 fgghi	7.0 abc	5.7 c	4.2
31	Dyna-Gro	S56RY84	0.7 hij	2.0 i	1.0 klm	1.7 jkl	0.7 jk	1.7 lmn	5.3 ef	1.3 jk	1.8
19	Great Heart Seed	GT 500 CR2S		7.3 a	2.0 hij	6.3 ab	3.7 bc	3.5 fghij	7.3 ab	7.0 ab	5.3
20	Great Heart Seed	GT 516 CR2	1.0 ghij	5.0 de	1.0 klm	3.7 fgh	1.7 ghi	4.0 efgh	6.3 bcde	5.3 cd	3.5
27	Hornbeck	HBK RY 5221	0.0 j	0.3 k	0.0 n	2.0 jk	0.3 k	0.0 p	1.7 h	1.3 jk	0.7
28	Hornbeck	HBK RY 5421	0.3 ij	0.7 k	0.7 lmn	0.7 mn	0.3 k	0.3 op	2.0 ghi	1.3 jk	0.8
16	Morsoy Extra	51x31	1.3 fgghi	0.7 k	0.7 lmn	1.0 lmn	1.0 ijk	0.0 p	2.3 ghi	1.0 k	1.0
17	Morsoy Extra	53x82	2.3 cdef	5.0 de	5.5 b	3.0 hi	2.7 def	2.5 ijkl	6.3 bcde	5.0 cde	4.0
18	Morsoy Extra	54x41	0.0 j	1.0 jk	2.7 fgh	1.0 lmn	0.7 jk	0.3 op	2.0 ghi	1.0 k	1.1
21	Morsoy Extra	56x02	2.0 defg	4.3 efg	2.0 hij	4.7 de	2.0 fgh	3.3 ghij	5.7 def	5.3 cd	3.7
14	MPG	5214 NRR	2.7 cde	4.0 fgh	4.7 bc	4.0 efg	2.0 fgh	5.0 bcde	6.3 bcde	5.0 cde	4.2
15	MPG	5314 NRR	4.0 ab	7.3 a	3.5 def	6.7 ab	4.7 a	7.0 a	7.0 abc	7.7 a	6.0
32	Mycogen	5N540R2	3.3 abc	5.0 de	3.0 efg	4.3 ef	2.7 def	4.0 efgh	6.0 cdef	5.3 cd	4.2

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33	Mycogen	5N550R2	0.7 hij	2.0 i	0.7 lmn	1.0 lmn	0.3 k	1.3 lmno	5.0 f	2.0 ijk	1.6
42	Mycogen	<i>MYCX54522NR2</i>	1.0 ghij	0.7 k	0.3 mn	1.0 lmn	1.3 hij	0.0 p	1.5 i	1.0 k	0.9
46	NK	S51-C5	1.3 fg	3.7 gh	2.3 ghi	1.5 kl	1.7 ghi	0.3 op	5.0 f	3.0 g	2.4
45	NK	S52-Y2	4.0 ab	6.7 ab	4.3 cd	4.3 ef	3.3 bcd	4.7 cdef	6.0 cdef	6.7 b	5.0
47	NK	S55-Q3	0.3 ij	0.7 k	1.0 klm	1.3 klm	1.0 ijk	0.3 op	2.0 ghi	1.0 k	1.0
35	Progeny	P 5213 RY	1.5 efghi	5.3 cd	2.0 hij	3.0 hi	2.3 efg	3.0 hijk	5.3 ef	4.7 def	3.4
36	Progeny	P 5333 RY	1.5 efghi	5.0 de	2.3 ghi	3.7 fgh	2.3 efg	4.0 efgh	6.7 abcd	5.0 cde	3.8
37	Progeny	P 5555 RY	0.0 j	2.0 i	0.7 lmn	1.0 lmn	0.7 jk	1.0 mnop	5.0 f	1.7 ijkk	1.5
38	Progeny	P 5610 RY	0.7 hij	0.3 k	1.7 ijk	1.0 lmn	1.0 ijk	0.0 p	2.3 ghi	1.0 k	1.0
22	REV®	51R53™	2.0 defg	7.3 a	2.7 fgh	7.0 a	3.7 bc	5.7 bc	7.7 a	7.0 ab	5.4
48	REV®	52R74™	2.0 defg	3.3 h	1.0 klm	3.3 gh	1.3 hij	0.7 nop	5.0 f	3.0 g	2.5
49	REV®	52RA94™	0.5 hij	0.7 k	0.7 lmn	1.3 klm	1.0 ijk	0.0 p	1.3 i	1.7 ijk	0.9
24	REV®	54R84™	2.3 cdef	4.7 def	2.5 ghi	4.3 ef	1.3 hij	5.0 bcde	6.0 cdef	5.3 cd	3.9
25	REV®	55R53™	4.5 a	6.0 bc	3.0 efg	3.5 gh	2.0 fgh	6.0 ab	7.0 abc	5.0 cde	4.6
23	REV®	56R63™	0.7 hij	1.0 jk	1.0 klm	1.0 lmn	0.3 k	0.3 op	2.7 gh	1.0 k	1.0
7	Univ. Arkansas	<i>R04-1250 RR</i>	1.0 ghij	0.7 k	1.0 klm	1.3 klm	0.3 k	0.0 p	2.0 ghi	1.3 jk	1.0
8	Univ. Arkansas	<i>R04-1268 RR</i>	4.0 ab	4.5 defg	1.0 klm	2.3 ij	1.7 ghi	2.5 ijkl	7.0 abc	2.7 gh	3.2
10	Univ. Arkansas	<i>R10-130 RY</i>	0.3 ij	1.0 jk	0.7 lmn	1.0 lmn	1.0 ijk	0.7 nop	3.0 g	1.0 k	1.1
9	Univ. Arkansas	<i>R10-197 RY</i>	2.0 defg	2.3 i	1.0 klm	1.7 jkl	1.5 hi	1.3 lmno	5.7 def	4.0 f	2.4
11	Univ. Arkansas	<i>R10-428 RY</i>	4.0 ab	3.7 gh	1.0 klm	3.3 gh	1.3 hij	2.0 klm	5.0 f	4.3 ef	3.1
R²			0.8263	0.9603	0.9136	0.9621	0.8815	0.9312	0.9341	0.9721	
CV			46.38	19.62	30.34	16.77	29.49	34.85	14.34	13.50	
p-value			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
LSD			1.33	0.97	0.95	0.73	0.81	1.21	1.07	0.73	
St. Dev.			1.32	2.40	1.54	1.85	1.14	2.19	2.07	2.18	

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