

Table 1. 2017 target spot evaluations (August 26, 2017) for the Official Variety Trial (OVT) in Lucedale, MS.

Entry #	Cultivar	0-100% scale		0-100% canopy		yield		
		Incidence ^a	Severity ^b	Defoliation ^c				
1	BRS 286	45.0	c-j	16.3	b-g	781	e-q	
2	BRS 293	51.3	a-g	16.8	b-g			
3	BRS 335	57.5	a-d	15.0	c-g	827	c-n	
4	UA 222	40.0	f-j	18.8	a-e	647	k-r	
5	HQ 210CT	48.8	a-h	15.0	c-g	556	qr	
6	ST 4949GLT	45.0	c-j	21.3	a-c	707	g-r	
7	ST 5115GLT	53.8	a-g	18.8	a-e	721	f-r	
8	ST 5020GLT	48.8	a-h	21.3	a-c	681	h-r	
9	ST 5517GLTP	47.5	b-i	15.0	c-g	755	e-r	
10	ST 6182GLT	51.3	a-g	17.5	a-f	901	a-h	
11	DP 1518 B2XF	48.3	a-h	17.5	a-f	662	i-r	
12	DP 1522 B2XF	60.0	a-c	17.5	a-f	621	n-r	
13	DP 1555 B2RF	31.7	ij	13.8	d-g	1,109	a	
14	DP 1614 B2XF	53.3	a-g	15.0	c-g	758	e-r	
15	DP 1639 B2XF	61.7	ab	10.5	g	856	b-m	
16	DP 1646 B2XF	38.8	g-j	11.3	fg	1,030	a-c	
17	DP 1725 B2XF	48.8	a-h	16.3	b-g	668	i-r	
18	DP 164R225 NRB2XR	42.5	d-j	15.0	c-g	887	a-j	
19	DO 16R338 B3XF	40.0	f-j	17.5	a-f	923	a-g	
20	DP 16R341 B3XF	48.8	a-h	11.8	fg	1,027	a-d	
21	DP 16R351 B3XF	47.5	b-i	21.3	d-g	657	j-r	
22	PHY 312 WRF	48.8	a-h	11.8	fg	746	e-r	
23	PHY 444 WRF	53.8	a-g	16.3	b-g	861	b-k	
24	PHY 300 W3FE	55.0	a-f	15.0	c-g	888	a-j	
25	PHY 330 W3FE	45.0	c-j	16.3	b-g	799	d-p	
26	PHY 340 W3FE	45.0	c-j	20.0	a-d	763	e-r	
27	PHY 450 W3FE	55.0	a-f	23.3	a	701	g-r	
28	PHY 490 W3FE	61.3	ab	20.0	a-d	629	l-r	
29	PX 2A28W3FE	41.3	e-j	20.0	a-d	615	n-r	
30	PX 3A82 W3FE	42.5	d-j	23.3	a	949	a-f	
31	PX 3A96 W3FE	50.0	a-h	17.5	a-f	772	e-q	
32	PX 3A99 W3FE	53.8	a-g	17.5	a-f	610	n-r	
33	PX 4A52 WEFEE	63.8	a	17.5	a-f	959	a-e	
34	PX 4A54 WEFEE	57.5	a-d	23.8	a	891	a-i	
35	PX 4A57 WEFEE	45.0	c-j	16.3	b-g	919	a-g	
36	PX 4A62 WEFEE	48.8	a-h	22.5	ab	603	n-r	
37	PX 5A57 WEFEE	35.0	g-j	17.5	a-f	537	r	
38	PX 5B73 WEFEE	53.8	a-g	18.8	a-e	712	g-r	
39	PX 5B76 WEFEE	31.3	j	21.3	a-c	738	e-r	
40	NG 3406 B2XF	48.3	a-h	18.3	a-e	626	m-r	
41	NG 3522 B2XF	52.5	a-g	17.5	a-f	672	h-r	
42	NG 4601 B2XF	47.5	b-i	15.0	c-g	856	b-l	
43	NG 5007 B2XF	56.3	a-e	16.7	b-g	804	c-o	
44	AMX 1710 B2XF	46.3	b-j	21.7	ab	622	n-r	
45	AMX 1711 B2XF	50.0	a-h	11.3	fg	695	g-r	
46	AMX 1715 B2XF	42.5	d-j	17.5	a-f	586	q-r	
47	Winfield United 17XC8 B3XF	57.5	a-d	21.3	a-c	871	b-k	
48	DG 3526 B2XF	53.8	a-g	16.3	b-g	966	a-e	
49	DG 3605 B2XF	47.5	b-i	12.3	d-g	944	a-g	
50	DG 3757 B2XF	38.8	g-j	21.3	a-c	1,076	ab	
51	CPS 17251NR B2XF	45.0	c-j	22.5	ab	859	b-l	
52	CPS 17330 B2XF	43.3	d-j	20.0	a-d	570	q-r	
	min	31.3		10.5		2.3	537	
	max	63.8		23.8		48.8	1,109	
	average	48.6		17.6		31.1	778	
	<i>p</i> -value		0.03		0.0002		0.002	<0.0001
	CV		23.34		26.14		37.04	21.01
	LSD		16.25		6.48		16.46	230.13

^a Incidence was evaluated as the percentage of leaves exhibiting symptoms of target spot.^b Severity was evaluated as the percent leaf surface area exhibiting symptoms of target spot.^c Defoliation was evaluated as the lower crop canopy exhibiting defoliation as a result of target spot infection.