

Table 1. Visual mean percent recovery, mean dollar spot count, and mean root mass weight from T-1 bentgrass plots treated with varying fungicide sources during 2010 season.

Treatment	Recovery [†] 6/23	Recovery 6/30	Recovery 7/7	Dollar spot [‡] July 1	Dollar spot July 8	Root mass ^ℓ
		(%)		Number of lesions		Grams
Control	51	71	94	13	21	3.16
BAS 50017F	54	70	94	1	2	3.33
Honor	55	66	94	0	0	3.58
BAS 50017F & BAS 59516F	53	66	93	0	2	3.40
Heritage TL	53	64	91	3	12	3.30
LSD _(0.05)	NS	NS	NS	4	4	NS

[†]Percentage recovery of the ball mark damage was visually estimated by using a scale of 1–100

[‡]Dollar spots were visually counted per plot

^ℓRoots were harvested from each plot with a 4-in. diameter cup cutter to an 8-in. depth. Sand was washed from the root tissue and the roots were dried in an oven for three days at 67°C and weighed. The samples were then ashed in a muffle furnace at 200°C for one hour followed by 500°C for 8 hours. The ashed weight was subtracted from the oven dry weight to determine total weight of the root mass.

Table 2. Visual mean percent recovery, mean dollar spot count, and mean root mass weight from Memorial bentgrass plots treated with varying fungicide sources during the 2010 season.

Treatment	Recovery [†] 6/23	Recovery 6/30	Recovery 7/7	Dollar spot [‡] July 1	Dollar spot July 8	Root mass ^ℓ
		(%)		Number of lesions		Grams
Control	67	83	94	0	9	5.62
BAS 50017F	63	85	96	0	1	6.25
Honor	65	86	95	0	0	5.77
BAS 50017F & BAS 59516F	64	81	94	0	0	5.05
Heritage TL	66	85	97	0	10	6.37
LSD _(0.05)	NS	NS	NS	0	6	NS

[†]Percent recovery of the ball mark damage was visually estimated by using a scale of 1–100.

[‡]Dollar spots were visually counted per plot.

^ℓRoots were harvested from each plot with a 4-in. diameter cup cutter to an 8-in. depth. Sand was washed from the root tissue and the roots were dried in an oven for three days at 67°C and weighed. The samples were then ashed in a muffle furnace at 200°C for one hour followed by 500°C for 8 hours. The ashed weight was subtracted from the oven dry weight to determine total weight of the root mass.

Table 3. Mean recovery of T-1 bentgrass following fungicide applications based on pictures analyzed with SigmaScan.

Treatment	Jun [†] 16	Jun 18	Jun 20	Jun 22	Jun 24	Jun 28	Jun 30	Jul 2	Jul 6	Jul 8	Jul 12	Jul 14	Jul 16	Means	
Control	0	0.53	2.71	1.38	0.99	0.99	1.14	1.38	1.60	2.02	2.67	0.50	0.71	1.28	
BAS 50017F	0	0.49	3.47	2.71	2.16	1.91	2.23	3.53	3.63	4.57	4.56	3.61	3.62	2.81	
Honor BAS 50017F & BAS 59516	0	0.47	3.34	2.45	1.55	3.36	4.14	4.54	5.31	5.10	6.10	5.03	5.28	3.59	
Heritage TL	0	1.83	3.85	2.78	2.93	2.79	3.25	3.78	3.32	3.74	4.45	1.72	2.27	2.82	
LSD _(0.05)	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.04	1.66	1.91	2.53	2.89	1.26

[†]The pictures of ball mark recovery were evaluated with SigmaScan pro to determine percent recovery.

Table 4. Mean recovery of Memorial bentgrass following fungicide applications based on pictures analyzed with Sigma Scan.

Treatment	Jun [†] 16	Jun 18	Jun 20	Jun 22	Jun 24	Jun 28	Jun 30	Jul 2	Jul 6	Jul 8	Jul 12	Jul 14	Jul 16	Means	
Control	0	-3.65	-1.74	0.48	-0.44	1.29	1.07	1.96	3.73	-2.09	4.02	2.01	4.07	0.82	
BAS 50017F	0	-2.26	-0.91	1.72	1.60	3.46	3.46	2.18	3.86	3.04	4.91	4.68	5.45	2.15	
Honor BAS 50017F & BAS 59516	0	-1.30	0.15	1.94	0.03	1.82	2.83	2.46	4.48	3.38	4.73	3.98	4.72	2.25	
Heritage TL	0	-1.12	-0.77	1.65	0.13	2.00	3.03	2.82	4.17	3.14	4.48	3.37	5.32	2.17	
LSD _(0.05)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.17	NS	1.27	NS	NS

[†]The pictures of ball mark recovery were evaluated with SigmaScan pro to determine percent recovery.