

ANTHRACNOSE ON *Poa annua***Nancy Dykema, Ron Detweiler, and Joseph Vargas, Jr.**

Anthracnose, caused by *Colletotrichum graminicola*, is a devastating disease that attacks annual bluegrass, and occasionally bentgrass. Traditionally, it has been a problem on annual bluegrass fairways, but recently has emerged as a disease on greens as well. Low fertility, low mowing heights, and excess moisture, such as from heavy irrigation or heavy rainfall, contribute to this problem. When infection occurs on fairways, it usually affects the foliage of the plants causing the turf to look brown and wilted. The pathogen can also infect the crowns of plants, turning them a charcoal black color, particularly on greens height turf. If there is damage to the crown of the plant, recovery is often quite slow. Foliar infections typically recover more quickly than infections that occur in the crown of the plant.

Foliar Anthracnose Study on Annual Bluegrass Fairway - 2006

Trt #	Treatment and Rate/1000 sq ft	Appl. Timing
8	Tartan 2 fl oz	21
9	Spectator Ultra 1 fl oz	14
10	Spectator Ultra 2 fl oz	21
11	Manicure Ultra 1.82 oz	7
12	Manicure Ultra 3.25 oz	14
13	Manicure 6FL 3.6 fl oz	14
14	Spectator Ultra 2 fl oz + Manicure Ultra 3.25 oz	14
15	Manicure Ultra 1.82 oz + Spectator Ultra 1 fl oz	7
23	Banner Maxx 1 fl oz	14
32	Cleary 3336F 6 fl oz	14
33	Disarm 0.18 fl oz	14
34	Disarm 0.36 fl oz	14
35	Disarm 0.18 fl oz + Banner Maxx 1 fl oz	14
36	Disarm 0.18 fl oz + Daconil Ultrex 1.8 oz	14
37	Disarm 0.18 fl oz + Endorse 2.5 WP 2 oz	14
39	Insignia 0.9 oz	14
40	Insignia 0.5 oz + Propiconazole Pro 1 fl oz	14
41	Insignia 0.9 oz + Alude 6 fl oz	14
42	3336 plus 6 oz	14
43	3336 Plus 6 oz + Alude 5.5 fl oz	14
45	Alude 5.5 fl oz	14
48	Spectro 90WDG 5.75 oz	14
49	Bayleton 50WDG 1 oz	30
54	Control	

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North									
	A	B	C	D	E	F	G	H	I
1	1	2	3	4		5	6	7	8
2	17	16	15	14	13	12	11	10	9
3	18	19	20	21	22	23		24	25
4	34	33	32	31	30	29	28	27	26
5	35	36	37	38	39	40	41	42	43
6	52	51	50	49	48	47	46	45	44
7	53	54	55		52	3	35	17	13
8	21	7	27	25	9	33	15	4	29
9	41	45	5	47	16	44	31	37	23
10	39	10		12	53	8	26	1	14
11	50	43	34	40	2	22	49	24	46
12	20	6	18	54	28	55	19	48	32
13	51	38	30	42	11	36	45	7	40
14	3	32	17	15	49	14	4	39	18
15	48	37	10	41	1	31	20	16	42
16	23	12	44	29	24	6	28	2	33
17	46	30	22	8	34	47	21	50	27
18	55	5	19	43	13	35	52	11	53
19	25		36	54	26	51	9	38	34
20	10	47	24	2	32	7	54	12	30
21	28	14	40	53	17	50	25	5	49
22	45	4	35	9	39	21	46	37	16
23	8	42	26	55	3	48	19	15	51
24	20	29	6	27	52	23	1	36	31
25	44	11	38	33	18	43	41	13	22

Fuller Building