

Summer Stress on Annual Bluegrass and Creeping Bentgrass

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Summer Stress Syndrome has been associated with thinning and dying of turf during the warm summer months. It is especially a problem on low cut turf growing in poor environments. This includes turf growing in shaded areas or where there is limited air movement. Fungicide combinations applied on a preventive basis have been shown to prevent this decline from occurring. These fungicide combinations not only managed disease problems, but also seem to make the turf have better quality with a more dense appearance and good green color. Even during a mild summer such as the current one, differences between treatments can be observed.

<u>Treatment and Rate/1000 ft²</u>	<u>Interval (Days)</u>
1 Daconil Ultrex 3.8 oz	14
2 Aliette Signature 4 oz	14
3 Daconil Ultrex 3.8 oz + Aliette Signature 4 oz	14
4 Daconil Ultrex 1.9 oz	14
5 Aliette Signature 2 oz	14
6 Daconil Ultrex 1.9 oz + Aliette Signature 2 oz	14
7 Ch. Aliette Signature 4 oz + Ch. 26GT 4 fl oz	14
8 Fore Rainshield 8 oz + Fosphite 8 fl oz	14
9 Fore Rainshield WSP 8 oz + Aliette Signature 4 oz	14
10 Daconil Ultrex 3.5 oz + Aliette Signature 4 oz	14
11 Fosphite 8 fl oz	14
12 Heritage 0.4 oz +	28
Daconil Ultrex 3.2 oz + Aliette 4 oz	14
13 Heritage 0.4 oz + Daconil Ultrex 3.2 oz	28 + 14
14 Macro Sorb 2 oz (Start first week of June!!)	14
15 WAC79 2 fl oz + Daconil Ultrex 3.8 oz	14
16 WAC79 3 fl oz + Daconil Ultrex 3.8 oz	14
17 WAC79 4 fl oz + Daconil Ultrex 3.8 oz	14
18 WAC79 2 fl oz + Protect T/O 5 oz	14
19 WAC79 3 fl oz + Protect T/O 5 oz	14
20 WAC79 4 fl oz + Protect T/O 5 oz	14
21 WAC79 2 fl oz + 3336 WP 4 oz	14
22 WAC79 3 fl oz + 3336 WP 4 oz	14
23 WAC79 4 fl oz + 3336 WP 4 oz	14
24 MKP (0-51.5-34) 5# / acre (0.11 # / 1000 sq ft)	7
25 Daconil Ultrex 1.5 oz + MKP (0-51.5-34) 5# / acre	7

- 26 Control (Ch. 26GT 2 oz)
- 27 Macro Sorb 2 oz + Daconil Ultrex 3.8 oz
- 28 Untreated Control

21
14

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Creeping Bentgrass Green

	A	B	C	D	E	F	G	H
1	1	2	3	4	15	11	7	13
2	5	6	7	8	21	6	20	4
3	9	10	11	12	9	1	16	19
4	13	14	15	16	23	18	22	25
5	17	18	19	20	14	3	24	17
6	21	22	23	24	8	12	5	10
7	25	26	27	28	2	26	27	2
8	14	1	9	5	1	20	11	16
9	3	17	22	11	9	17	3	8
10	19	26	2	15	12	24	14	22
11	25	12	7	24	4	18	6	13
12	4		23	20	25	23	28	5
13	21	8	18	6	19	7	15	21
14	10	16	27	13	28	27	26	10
15		28						

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Annual Bluegrass Fairway

	A	B	C	D	E	F	G
1	1	18	19	22	7	2	
2	2	17	20	9	25	12	27
3	3	16	21	23	15	24	28
4	4	15	22	18	1	3	
5	5	14	23	26	11	20	27
6	6	13	24	6	17	5	28
7	7	12	25	21	14		
8	8	11	26	19	4	10	28
9	9	10	16	8	13	16	27
10	2	18	5	12	7	1	
11	15	1	14	4	22	10	
12	9	22	19	9	3	19	28
13	4	7	3	15	17	13	
14	13	25	12	6	20	24	27
15	20	11	24	14	25	5	16
16	26	17	6	18	11	23	8
17	23	8	21	2	26	21	10