

## **Stop 1. Summer Stress in Creeping Bentgrass and Annual bluegrass Putting Greens**

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Summer Stress Syndrome has been associated with thinning and dying of turf during the warm summer months when turf goes under stress. It is especially problematic on low cut turf growing in poor environments. This includes greens growing in shaded areas or where there is limited air movement. Fungicides applied alone and in combination with other products on a preventive basis have been shown to prevent this decline from occurring. These products not only manage disease problems, but also create a more dense turfgrass appearance and better turf color.

Please see following pages for treatment lists.

### 2012 Creeping bentgrass summer stress treatments

Trt No.	Treatment Name	Rate	Rate Unit	Application Interval
1	Untreated Control			
2	QP Enclave	3	fl oz/1000 ft2	14 days
2	Foursome	0.4	fl oz/1000 ft2	14 days
3	QP Enclave	4	fl oz/1000 ft2	21 days
3	Foursome	0.4	fl oz/1000 ft2	21 days
4	QP Enclave	3	fl oz/1000 ft2	14 days
4	QP Fosetyl-Al	4	oz/1000 ft2	14 days
4	Foursome	0.4	fl oz/1000 ft2	14 days
5	QP Enclave	4	fl oz/1000 ft2	21 days
5	QP Fosetyl-Al	4	oz/1000 ft2	21 days
5	Foursome	0.4	fl oz/1000 ft2	21 days
11	SA-0010233	5	fl oz/1000 ft2	14 days
12	Echo DYAD ETQ	5	fl oz/1000 ft2	14 days
13	SA-0010222	2.6	fl oz/1000 ft2	14 days
14	Clearscape ETQ	0.6	fl oz/1000 ft2	14 days
15	SA-0010221	4	fl oz/1000 ft2	14 days
16	Echo 6F ETQ	3.6	fl oz/1000 ft2	14 days +
16	SA-0010234	10	fl oz/1000 ft2	14 days
17	SA-0010228	5	fl oz/1000 ft2	14 days
18	SA-0010231	5.25	fl oz/1000 ft2	14 days
19	Echo 6F ETQ	3.6	fl oz/1000 ft2	14 days
20A	Echo DYAD ETQ	5	fl oz/1000 ft2	14 days 7 app FB
20A	Phyte-Off	2	fl oz/1000 ft2	14 days 7 app FB
20B	SA-0010221	4	fl oz/1000 ft2	14 days
20B	Phyte-Off	2	fl oz/1000 ft2	14 days
21	Floratine Program			
21	FP 747	8	fl oz/100 gal	14 days
21	Astron	2	fl oz/1000 ft2	14 days
21	Echo Dyad	3.67	fl oz/1000 ft2	14 days
21	Knife Plus	2	fl oz/1000 ft2	14 days
21	PK Fight	3.25	fl oz/1000 ft2	14 days
21	Power 12-6-0	10	fl oz/1000 ft2	14 days
21	Protesyn	4	fl oz/1000 ft2	14 days
23	Signature	4	oz/1000 ft2	14 days +
23	Chipco 26GT	4	fl oz/1000 ft2	14 days
24	Signature	4	oz/1000 ft2	14 days +
24	Daconil Ultrex	3.2	oz/1000 ft2	14 days

Note: Treatments not listed in the program booklet are proprietary.

### 2012 Annual bluegrass summer stress treatments

Trt No.	Treatment Name	Rate	Rate Unit	Application Interval
1-19	Applied as above			
20	Phyte-Off	2	fl oz/1000 ft <sup>2</sup>	14 days +
20A	SA-0010222	2.6	fl oz/1000 ft <sup>2</sup>	14 days 4 apps ALT
20B	Echo DYAD ETQ	5	fl oz/1000 ft <sup>2</sup>	14 days 3 apps FB
20C	SA-0010221	4	fl oz/1000 ft <sup>2</sup>	14 days
21 <sup>a</sup>	FP 747	8	fl oz/100 gal	7 days
21	Astron	1.5	fl oz/1000 ft <sup>2</sup>	7 days
21	Echo Dyad	2	fl oz/1000 ft <sup>2</sup>	7 days
21	Groom	0.1	fl oz/1000 ft <sup>2</sup>	7 days
21	Knife Plus	1.5	fl oz/1000 ft <sup>2</sup>	7 days
21	PK Fight	2.5	fl oz/1000 ft <sup>2</sup>	7 days
21	Power 12-6-0	10	fl oz/1000 ft <sup>2</sup>	7 days
21	Protesyn	3	fl oz/1000 ft <sup>2</sup>	7 days
22	Signature	4	oz/1000 ft <sup>2</sup>	14 days +
22	Chipco 26GT	4	fl oz/1000 ft <sup>2</sup>	14 days
23	Signature	4	oz/1000 ft <sup>2</sup>	14 days +
23	Daconil Ultrex	3.2	oz/1000 ft <sup>2</sup>	14 days

<sup>a</sup> Treatment 21 did not receive supplemental background fertilizer.

Note: Treatments not listed in the program booklet are proprietary.

**2012 Summer stress on creeping bentgrass putting green**

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

**2011 Summer stress on an annual bluegrass putting green**

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

**NORTH**

