

Moss Control on Greens

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Moss has become a serious problem on golf courses, particularly on greens where it causes interference with putting by creating an uneven surface. Many products claim the ability remove moss from turf areas, so a test was set up to determine which were the most efficacious. We established a "moss control study" on a creeping bentgrass/annual bluegrass green. Fertility has been maintained at 1/4# nitrogen/1000 ft²/month. Most treatments were applied at the end of May with reapplications made according to the table below. Some treatments were added to the study later as product was received. All plots received Chipco 26GT at 2 oz/1000 ft² as needed for disease control. The following treatments were included in the study:

Moss HTRC - 2002		
	Treatment and Rate/1000 sq ft	Interval (Days)
1	TD 2390 4 oz	14
2	TD 2390 8 oz	14
3	TerraCyte 8 lbs	1,2 then 14*
4	Dawn Detergent 4 fl oz	7
5	Moss Master 1 lb (in 35 gal drench)	14
7	Kocide 1 lb (in 5 gal)	14
8	Spotrete 3.75 fl oz	7
9	Ionized Copper - 100 ppm	7
10	Scott's Moss Control Granules 3.66 lbs	28
11	GardenSafe Moss+ Algae Killer 80 fl oz (in 25 gal)	14
13	Schweizer M. Royal 140 g (in 2 gal)	28
14	Ionized Copper - 10 ppm	7
16	Control	--

*Applied as needed on 14-day schedule.



Moss - 2002

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	1	8	x	16	9	2	10	13	4	14	x	x	x	x	x	6
2	x	12	9	15	3	12	4	16	11	7	2	x	3	1	x	x
3	2	6	10	14	8	16	11	15	6	10	5	12	11	8	2	x
4	3	5	11	13	15	1	5	12	x	1	9	15	4	13	16	7
5	4	x	7	x	7	6	13	14	3	8	9	10	5	x	14	x

1	0.5 gal Vital Reaction "A" + 0.5 gal V.R. "B" (in 1 gal)	5 weeks
2	1 quart V.R. "A" + 1 quart V.R. "B" (in 1 gal)	6 weeks
3	24 fl oz V.R. "A" + 24 fl oz V.R. "B" (in 1 gal)	5 weeks
4	1 pint V.R. "A" + 1 pint V.R. "B" (in 1 gal)	5 weeks
5	Chipco Signate 4 oz + Decant Ultra 3.7 oz	14 (2 apps only)
6	Chipco Signate 4 oz + Decant Ultra 3.7 oz	14 (2 apps only)
7	Chipco Signate 4 oz + Decant Ultra 3.7 oz	14 (2 apps only)
8	Chipco Signate 4 oz + Decant Ultra 3.7 oz	20
9	Chipco Signate 4 oz + Decant Ultra 3.7 oz	14
10	Spectro 4 oz + Alliance 3.5 oz	14
11	Endorse 4 oz + Alliance 3.5 oz	14
12	Decant Ultra 3.7 oz	14
13	Banner Maxx 0.5 fl oz + Heritage 0.2 fl oz + Primo Maxx 0.25 fl oz	21
14	Banner Maxx 0.5 fl oz + Heritage 0.2 fl oz + Primo Maxx 0.25 fl oz	14
15a	Primo Maxx 0.25 fl oz + Banner Maxx 1.0 fl oz + Decant Ultra 3.7 oz	7-Jun
15b	Primo Maxx 0.25 fl oz + Banner Maxx 1.0 fl oz + Decant Ultra 3.7 oz	1-Jul
15c	Primo Maxx 0.25 fl oz + Banner Maxx 1.0 fl oz + Heritage 0.2 fl oz + Subdue Maxx 0.5 fl oz	21-Jul
15d	Primo Maxx 0.25 fl oz + Banner Maxx 1.0 fl oz + Heritage 0.2 fl oz + Subdue Maxx 0.5 fl oz	14-Aug
15e	Primo Maxx 0.25 fl oz + Banner Maxx 1.0 fl oz + Decant Ultra 3.7 oz	7-Sep
16	Control	

*Add 0.25 lb. N as ammonium sulfate