

North Carolina State University

Efficacy of Weed and Feeds on White Clover

Trial ID: 02-T22

Study Dir.: Jason Hinton

Location: Wrightsville Beach Investigator: Fred Yelverton

Trt No	Treatment Application Comment
	Light drizzle at 3:00 PM
	Wet treatments were applied after wetting foliage with sprinkler can.

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Weed Code							TRFRE	TRFRE
Rating Data Type							CONTROL	CONTROL
Rating Unit							%	%
Rating Date							06-05-02	06-12-02
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code
1	AND1001	G		3.5 LB/1000 FT2			Wet A	1.7 cd 33.3 a-f
2	AND1002	G		3.5 LB/1000 FT2			Wet A	3.3 bcd 31.7 a-g
3	AND1003	G		3.5 LB/1000 FT2			Wet A	0.0 d 26.7 b-h
4	AND1004	G		3.5 LB/1000 FT2			Wet A	5.0 bcd 31.7 a-g
5	AND1005	G		3.5 LB/1000 FT2			Wet A	5.0 bcd 20.0 c-h
6	AND1006	G		3.5 LB/1000 FT2			Wet A	3.3 bcd 20.0 c-h
7	AND1007	G		3.5 LB/1000 FT2			Wet A	1.7 cd 25.0 b-h
8	AND1008	G		3.5 LB/1000 FT2			Wet A	3.3 bcd 26.7 b-h
9	AND1009	G		3.5 LB/1000 FT2			Wet A	0.0 d 15.0 d-h
10	AND1010	G		3.5 LB/1000 FT2			Wet A	3.3 bcd 36.7 a-e
11	AND1011	G		3.5 LB/1000 FT2			Wet A	6.7 bc 41.7 a-d
12	AND1012	G		3.5 LB/1000 FT2			Wet A	0.0 d 18.3 c-h
13	AND1013	G		3.5 LB/1000 FT2			Wet A	0.0 d 5.0 fgh
14	AND1014	G		3.5 LB/1000 FT2			Wet A	0.0 d 1.7 h
15	AND1015	G		3.5 LB/1000 FT2			Wet A	1.7 cd 16.7 c-h
16	AND1016	G		3.5 LB/1000 FT2			Wet A	0.0 d 26.7 b-h
17	AND1017	G		3.5 LB/1000 FT2			Wet A	0.0 d 5.0 fgh
18	AND1018	G		3.5 LB/1000 FT2			Wet A	1.7 cd 50.0 ab
19	AND1019	G		3.5 LB/1000 FT2			Wet A	3.3 bcd 21.7 b-h
20	AND1020	G		3.5 LB/1000 FT2			Wet A	1.7 cd 36.7 a-e
21	AND1021	G		3.5 LB/1000 FT2			Wet A	1.7 cd 28.3 b-h
22	AND1022	G		3.5 LB/1000 FT2			Wet A	1.7 cd 15.0 d-h

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Rating Data Type							CONTROL	CONTROL
Rating Unit							%	%
Rating Date							06-05-02	06-12-02
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Product Rate	Product Unit	Grow Stg	Appl Code
45	AND1019	G		3.5 LB/1000 FT2			Dry	B
46	AND1020	G		3.5 LB/1000 FT2			Dry	B
47	AND1021	G		3.5 LB/1000 FT2			Dry	B
48	AND1022	G		3.5 LB/1000 FT2			Dry	B
49	AND1023	G		4.0 LB/1000 FT2			Dry	B
50	AND1024	G		4.0 LB/1000 FT2			Dry	B
51	AND1038 (Turf Builder+II)	G		3.45 LB/1000 FT2			Dry	B
52	Nontreated						Dry	B
LSD (P=.05)							5.89	28.88
Standard Deviation							3.64	17.87
CV							126.25	70.56
Bartlett's X2							21.356	55.859
P(Bartlett's X2)							0.966	0.176
Replicate F							1.776	5.607
Replicate Prob(F)							0.1745	0.0049
Treatment F							1.777	1.521
Treatment Prob(F)							0.0071	0.0372

Means followed by same letter do not significantly differ (P=.05, LSD)

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Weed Code							TRFRE	TRFRE	
Rating Data Type							CONTROL	CONTROL	
Rating Unit							%	%	
Rating Date							06-27-02	07-10-02	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	
1	AND1001	G		3.5 LB/1000 FT2			Wet A	98.3 a	98.3 a
2	AND1002	G		3.5 LB/1000 FT2			Wet A	95.0 ab	96.7 a
3	AND1003	G		3.5 LB/1000 FT2			Wet A	100.0 a	98.3 a
4	AND1004	G		3.5 LB/1000 FT2			Wet A	98.3 a	100.0 a
5	AND1005	G		3.5 LB/1000 FT2			Wet A	96.7 ab	98.3 a
6	AND1006	G		3.5 LB/1000 FT2			Wet A	100.0 a	100.0 a
7	AND1007	G		3.5 LB/1000 FT2			Wet A	99.7 a	100.0 a
8	AND1008	G		3.5 LB/1000 FT2			Wet A	100.0 a	100.0 a
9	AND1009	G		3.5 LB/1000 FT2			Wet A	100.0 a	100.0 a
10	AND1010	G		3.5 LB/1000 FT2			Wet A	100.0 a	66.7 b
11	AND1011	G		3.5 LB/1000 FT2			Wet A	99.7 a	96.7 a
12	AND1012	G		3.5 LB/1000 FT2			Wet A	83.3 abc	100.0 a
13	AND1013	G		3.5 LB/1000 FT2			Wet A	58.3 de	66.7 b
14	AND1014	G		3.5 LB/1000 FT2			Wet A	65.0 cde	65.0 b
15	AND1015	G		3.5 LB/1000 FT2			Wet A	100.0 a	100.0 a
16	AND1016	G		3.5 LB/1000 FT2			Wet A	100.0 a	100.0 a
17	AND1017	G		3.5 LB/1000 FT2			Wet A	80.0 a-d	95.0 a
18	AND1018	G		3.5 LB/1000 FT2			Wet A	98.3 a	100.0 a
19	AND1019	G		3.5 LB/1000 FT2			Wet A	100.0 a	100.0 a
20	AND1020	G		3.5 LB/1000 FT2			Wet A	98.3 a	98.3 a
21	AND1021	G		3.5 LB/1000 FT2			Wet A	98.3 a	96.7 a
22	AND1022	G		3.5 LB/1000 FT2			Wet A	96.3 ab	98.3 a

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Rating Data Type							CONTROL	CONTROL
Rating Unit							%	%
Rating Date							06-27-02	07-10-02
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Product Rate	Product Unit	Grow Stg	Appl Code
45	AND1019	G		3.5 LB/1000 FT2			Dry	B
46	AND1020	G		3.5 LB/1000 FT2			Dry	B
47	AND1021	G		3.5 LB/1000 FT2			Dry	B
48	AND1022	G		3.5 LB/1000 FT2			Dry	B
49	AND1023	G		4.0 LB/1000 FT2			Dry	B
50	AND1024	G		4.0 LB/1000 FT2			Dry	B
51	AND1038 (Turf Builder+II)	G		3.45 LB/1000 FT2			Dry	B
52	Nontreated						Dry	B
LSD (P=.05)							23.28	23.88
Standard Deviation							14.40	14.77
CV							16.11	15.99
Bartlett's X2							114.483	112.679
P(Bartlett's X2)							0.001*	0.001*
Replicate F							0.665	0.497
Replicate Prob(F)							0.5162	0.6100
Treatment F							6.456	5.645
Treatment Prob(F)							0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

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Weed Code Rating Data Type Rating Unit Rating Date								TRFRE CONTROL % 07-24-02	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	
1	AND1001		G	3.5 LB/1000 FT2			Wet A		98.3 ab
2	AND1002		G	3.5 LB/1000 FT2			Wet A		93.3 ab
3	AND1003		G	3.5 LB/1000 FT2			Wet A		100.0 a
4	AND1004		G	3.5 LB/1000 FT2			Wet A		100.0 a
5	AND1005		G	3.5 LB/1000 FT2			Wet A		98.3 ab
6	AND1006		G	3.5 LB/1000 FT2			Wet A		100.0 a
7	AND1007		G	3.5 LB/1000 FT2			Wet A		98.3 ab
8	AND1008		G	3.5 LB/1000 FT2			Wet A		100.0 a
9	AND1009		G	3.5 LB/1000 FT2			Wet A		96.7 ab
10	AND1010		G	3.5 LB/1000 FT2			Wet A		100.0 a
11	AND1011		G	3.5 LB/1000 FT2			Wet A		96.7 ab
12	AND1012		G	3.5 LB/1000 FT2			Wet A		88.3 ab
13	AND1013		G	3.5 LB/1000 FT2			Wet A		61.7 c
14	AND1014		G	3.5 LB/1000 FT2			Wet A		61.7 c
15	AND1015		G	3.5 LB/1000 FT2			Wet A		98.3 ab
16	AND1016		G	3.5 LB/1000 FT2			Wet A		96.7 ab
17	AND1017		G	3.5 LB/1000 FT2			Wet A		83.3 abc
18	AND1018		G	3.5 LB/1000 FT2			Wet A		100.0 a
19	AND1019		G	3.5 LB/1000 FT2			Wet A		98.3 ab
20	AND1020		G	3.5 LB/1000 FT2			Wet A		98.3 ab
21	AND1021		G	3.5 LB/1000 FT2			Wet A		100.0 a
22	AND1022		G	3.5 LB/1000 FT2			Wet A		95.0 ab

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Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	
23	AND1023	G		4.0 LB/1000 FT2			Wet	A	100.0 a
24	AND1024	G		4.0 LB/1000 FT2			Wet	A	91.7 ab
25	AND1038 (Turf Builder+II)	G		3.45 LB/1000 FT2			Wet	A	90.0 ab
26	Nontreated						Wet	A	0.0 d
27	AND1001	G		3.5 LB/1000 FT2			Dry	B	75.0 bc
28	AND1002	G		3.5 LB/1000 FT2			Dry	B	98.3 ab
29	AND1003	G		3.5 LB/1000 FT2			Dry	B	90.0 ab
30	AND1004	G		3.5 LB/1000 FT2			Dry	B	100.0 a
31	AND1005	G		3.5 LB/1000 FT2			Dry	B	78.3 abc
32	AND1006	G		3.5 LB/1000 FT2			Dry	B	98.3 ab
33	AND1007	G		3.5 LB/1000 FT2			Dry	B	90.0 ab
34	AND1008	G		3.5 LB/1000 FT2			Dry	B	95.0 ab
35	AND1009	G		3.5 LB/1000 FT2			Dry	B	96.7 ab
36	AND1010	G		3.5 LB/1000 FT2			Dry	B	98.3 ab
37	AND1011	G		3.5 LB/1000 FT2			Dry	B	96.7 ab
38	AND1012	G		3.5 LB/1000 FT2			Dry	B	100.0 a
39	AND1013	G		3.5 LB/1000 FT2			Dry	B	75.0 bc
40	AND1014	G		3.5 LB/1000 FT2			Dry	B	90.0 ab
41	AND1015	G		3.5 LB/1000 FT2			Dry	B	91.7 ab
42	AND1016	G		3.5 LB/1000 FT2			Dry	B	91.7 ab
43	AND1017	G		3.5 LB/1000 FT2			Dry	B	90.0 ab
44	AND1018	G		3.5 LB/1000 FT2			Dry	B	95.0 ab

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Trial Comments