North Carolina State University

Dallisgrass Control in a Bermudagrass Rough

Trial ID: 03-D43 Study Dir.: Travis Gannon
Location: Garner CC Investigator: Fred Yelverton

GENERAL TRIAL INFORMATION

Study Director: Travis Gannon **Title:** Research Associate
Affiliation: North Carolina State University
Postal Code: 27695
Investigator: Fred Yelverton **Title:** Professor
Affiliation: North Carolina State University
Postal Code: 27695

TRIAL LOCATION

City: Garner **Trial Status:** Completed
State/Prov.: NC
Initiation Date: 6-11-03
Country: USA

COOPERATOR/LANDOWNER

Country: USA
Org: Garner Country Club **Phone No:** 919.772.2587
Address 1: PO Box 34
City: Garner
State/Prov: NC
Postal Code: 27529

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	PASDI	dallisgrass	Paspalum dilatatum

Crop 1: CYNDA bermudagrass

SITE AND DESIGN

Plot Width, Unit: 5 FT **Plot Length, Unit:** 10 FT **Reps:** 4
Study Design: RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

% OM: 0.18
pH: 6.5
CEC: 6.8 **Fert. Level:** FAIR

APPLICATION DESCRIPTION

	A	B	C
Application Date:	6-11-03	6-17-03	6-25-03
Time of Day:	9-10:30AM	4-5:00PM	9-10:00AM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	JUNE 11	JUNE 17	JUNE 25
Applic. Placement:	FOLIAR	FOLIAR	FOLIAR
Air Temp., Unit:	73.4 F	75 F	87.4 F
% Relative Humidity:	83	82	47
Wind Velocity, Unit:	1.6 MPH	0.4 MPH	0.6 MPH
Dew Presence (Y/N):	Y	Y	Y
Soil Temp., Unit:	71 F	78 F	74 F
Soil Moisture:	GOOD	WET	GOOD
% Cloud Cover:	10	100	10

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	CYNDA UNMOWED	CYNDA UNMOWED	CYNDA UNMOWED
Height, Unit:	2 INCH	2 INCH	3 INCH

WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:	PASDI UNMOWED	PASDI UNMOWED	PASDI UNMOWED
Stage Scale:	2 INCH HT	4 INCH HT	4-6 IN HT
Density, Unit:	5+ FT^2	5+ FT^2	5+ FT

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APPLICATION EQUIPMENT

	A	B	C
Appl. Equipment:	CO2 SPRAY	CO2 SPRAY	CO2 SPRAY
Operating Pressure:	42 PSI	42 PSI	42 PSI
Nozzle Type:	FLAT FAN	FLAT FAN	FLAT FAN
Nozzle Size:	VS8002XR	VS8002XR	VS8002XR
Nozzle Spacing, Unit:	10 INCH	10 INCH	10 INCH
Nozzles/Row:	4	4	4
Boom Length, Unit:	40 INCH	40 INCH	40 INCH
Boom Height, Unit:	10 INCH	10 INCH	10 INCH
Ground Speed, Unit:	3 MPH	3 MPH	3 MPH
Carrier:	WATER	WATER	WATER
Spray Volume, Unit:	32.5 GPA	32.5 GPA	32.5 GPA
Propellant:	COMP CO2	COMP CO2	COMP CO2

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Spray Volume	PASDI CONTROL % 6-17-03 6 DA-A	PASDI CONTROL % 6-25-03 14 DA-A	PASDI CONTROL % 7-9-03 28 DA-A	PASDI CONTROL % 7-23-03 42 DA-A
1	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		26.3 c-g	55.0 b	50.0 de	27.5 efg
	X-77		L	0.25	% v/v			JUNE 11	A					
	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 17	B					
2	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		30.0 b-f	48.8 bc	56.3 c	20.0 h
	X-77		L	0.25	% v/v			JUNE 11	A					
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B					
3	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		23.8 d-h	50.0 bc	55.0 cd	36.3 d
	X-77		L	0.25	% v/v			JUNE 11	A					
	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 17	B					
4	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		32.5 a-e	48.8 bc	70.0 a	21.3 gh
	X-77		L	0.25	% v/v			JUNE 11	A					
	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 17	B					
5	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		40.0 ab	42.5 cde	40.0 f	28.8 ef
	X-77		L	0.25	% v/v			JUNE 11	A					
	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 25	C					
6	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		33.8 a-d	30.0 fg	31.3 g	52.5 c
	X-77		L	0.25	% v/v			JUNE 11	A					
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 25	C					
7	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		42.5 a	46.3 bcd	42.5 f	65.0 b
	X-77		L	0.25	% v/v			JUNE 11	A					
	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 25	C					
8	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		37.5 abc	35.0 def	48.8 e	78.8 a
	X-77		L	0.25	% v/v			JUNE 11	A					
	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 25	C					
9	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		31.3 a-f	76.3 a	31.3 g	16.3 hi
	X-77		L	0.25	% v/v			JUNE 11	A					
	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 17	B					
	X-77		L	0.25	% v/v			JUNE 17	B					
10	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		31.3 a-f	75.0 a	63.8 b	66.3 b
	X-77		L	0.25	% v/v			JUNE 11	A					
	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 17	B					
	X-77		L	0.25	% v/v			JUNE 17	B					
	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 25	C					
	X-77		L	0.25	% v/v			JUNE 25	C					
11	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 11	A		16.3 g-k	26.3 fgh	25.0 hi	11.3 i
	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 17	B					
12	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 11	A		6.3 kl	31.3 ef	28.8 gh	16.3 hi
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B					
13	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 11	A		13.8 h-k	27.5 fgh	31.3 g	22.5 fgh
	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 17	B					
14	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 11	A		10.0 i-l	28.8 fgh	26.3 ghi	30.0 de
	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 17	B					
15	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 11	A		8.8 jkl	17.5 hi	11.3 k	17.5 hi
	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 17	B					
	X-77		L	0.25	% v/v			JUNE 17	B					
16	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 11	A		21.3 e-i	18.8 ghi	21.3 ij	21.3 gh
	X-77		L	0.25	% v/v			JUNE 11	A					
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B					
17	Sencor	75	DF	0.5	lb/a			JUNE 11	A		0.0 l	11.3 ij	15.0 k	27.5 efg
	X-77		L	0.25	% v/v			JUNE 11	A					
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B					
18	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 11	A		20.0 f-j	42.5 cde	16.3 jk	11.3 i
	X-77		L	0.25	% v/v			JUNE 11	A					
	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 17	B					
	X-77		L	0.25	% v/v			JUNE 17	B					
19	Nontreated										0.0 l	0.0 j	0.0 l	0.0 j
LSD (P=.05)											11.29	11.70	6.07	6.67
Standard Deviation											7.99	8.27	4.29	4.72
CV											35.7	22.09	12.29	15.73
Grand Mean											22.37	37.43	34.93	30.0
Bartlett's X2											20.44	17.195	5.027	8.615
P(Bartlett's X2)											0.201	0.441	0.998	0.928

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Trial ID: 03-D43 Study Dir.: Travis Gannon
Location: Garner CC Investigator: Fred Yelverton

Weed Code	PASDI	PASDI	PASDI	PASDI
Crop Code				
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	6-17-03	6-25-03	7-9-03	7-23-03
Trt-Eval Interval	6 DA-A	14 DA-A	28 DA-A	42 DA-A
Replicate F	4.016	5.237	1.540	0.158
Replicate Prob(F)	0.0119	0.0030	0.2148	0.9243
Treatment F	10.898	22.744	76.934	79.089
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Spray Volume	PASDI CONTROL % 8-6-03 56 DA-A	PASDI CONTROL % 9-3-03 84 DA-A	CYNDA PHYTO % 6-17-03 6 DA-A	CYNDA PHYTO % 6-25-03 14 DA-A	CYNDA PHYTO % 7-9-03 28 DA-A
1	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		32.5 bc	25.0 bc	12.5 a-e	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 17	B						
2	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		15.0 ghi	13.8 cd	20.0 a	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B						
3	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		37.5 b	27.5 bc	11.3 a-f	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 17	B						
4	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		7.5 ij	15.0 cd	13.8 a-d	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 17	B						
5	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		15.0 ghi	15.0 cd	18.8 a	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 25	C						
6	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		25.0 cde	25.0 bc	15.0 abc	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 25	C						
7	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		27.5 cd	17.5 c	20.0 a	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 25	C						
8	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		26.3 cde	26.3 bc	16.3 ab	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 25	C						
9	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		20.0 d-h	25.0 bc	12.5 a-e	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 17	B						
	X-77		L	0.25	% v/v			JUNE 17	B						
10	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		47.5 a	50.0 a	11.3 a-f	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 17	B						
	X-77		L	0.25	% v/v			JUNE 17	B						
	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 25	C						
	X-77		L	0.25	% v/v			JUNE 25	C						
11	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 11	A		13.8 hi	18.8 c	2.5 fg	0.0 a	0.0 a
	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 17	B						
12	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 11	A		25.0 cde	17.5 c	5.0 d-g	0.0 a	0.0 a
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B						
13	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 11	A		23.8 def	37.5 ab	6.3 c-g	0.0 a	0.0 a
	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 17	B						
14	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 11	A		21.3 d-h	22.5 bc	7.5 b-g	0.0 a	0.0 a
	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 17	B						
15	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 11	A		16.3 fgh	17.5 c	5.0 d-g	0.0 a	0.0 a
	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 17	B						
	X-77		L	0.25	% v/v			JUNE 17	B						
16	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 11	A		18.8 e-h	13.8 cd	6.3 c-g	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B						
17	Sencor	75	DF	0.5	lb/a			JUNE 11	A		22.5 d-g	20.0 c	1.3 g	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B						
18	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 11	A		20.0 d-h	15.0 cd	3.8 efg	0.0 a	0.0 a
	X-77		L	0.25	% v/v			JUNE 11	A						
	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 17	B						
	X-77		L	0.25	% v/v			JUNE 17	B						
19	Nontreated										0.0 j	0.0 d	0.0 g	0.0 a	0.0 a
LSD (P=.05)											8.66	15.27	9.94	0.00	0.00
Standard Deviation											6.12	10.79	7.03	0.00	0.00
CV											28.04	50.96	70.72	0.0	0.0
Grand Mean											21.84	21.18	9.93	0.0	0.0
Bartlett's X2											12.584	22.354	15.858	0.0	0.0
P(Bartlett's X2)											0.703	0.171	0.392	.	.

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Location: Garner CC Investigator: Fred Yelverton

Weed Code	PASDI	PASDI			
Crop Code			CYNDA	CYNDA	CYNDA
Rating Data Type	CONTROL	CONTROL	PHYTO	PHYTO	PHYTO
Rating Unit	%	%	%	%	%
Rating Date	8-6-03	9-3-03	6-17-03	6-25-03	7-9-03
Trt-Eval Interval	56 DA-A	84 DA-A	6 DA-A	14 DA-A	28 DA-A
Replicate F	6.103	2.812	0.362	0.000	0.000
Replicate Prob(F)	0.0012	0.0479	0.7806	1.0000	1.0000
Treatment F	11.744	3.680	3.271	0.000	0.000
Treatment Prob(F)	0.0001	0.0001	0.0004	1.0000	1.0000

Means followed by same letter do not significantly differ (P=.05, LSD)
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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Spray Volume	CYNDA PHYTO % 7-23-03 42 DA-A	CYNDA PHYTO % 8-6-03 56 DA-A	CYNDA PHYTO % 9-3-03 84 DA-A
1	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		0.0 b	22.5 abc	2.5 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 17	B				
2	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		0.0 b	18.8 a-f	5.0 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B				
3	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		0.0 b	21.3 a-d	6.3 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 17	B				
4	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		0.0 b	7.5 e-i	2.5 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 17	B				
5	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		0.0 b	11.3 c-i	2.5 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 25	C				
6	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		0.0 b	10.0 c-i	1.3 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 25	C				
7	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		1.3 b	8.8 d-i	2.5 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 25	C				
8	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		5.0 a	6.3 f-i	1.3 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 25	C				
9	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		0.0 b	18.8 a-f	3.8 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 17	B				
	X-77		L	0.25	% v/v			JUNE 17	B				
10	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 11	A		0.0 b	5.0 ghi	3.8 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 17	B				
	X-77		L	0.25	% v/v			JUNE 17	B				
	MSMA	6.6	L	1	fl oz/1000 ft2			JUNE 25	C				
	X-77		L	0.25	% v/v			JUNE 25	C				
11	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 11	A		0.0 b	25.0 ab	3.8 a
	Revolver	0.19	L	0.6	fl oz/1000 ft2			JUNE 17	B				
12	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 11	A		0.0 b	20.0 a-e	2.5 a
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B				
13	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 11	A		0.0 b	10.0 c-i	7.5 a
	Revolver	0.19	L	1.5	fl oz/1000 ft2			JUNE 17	B				
14	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 11	A		0.0 b	2.5 hi	0.0 a
	Revolver	0.19	L	2	fl oz/1000 ft2			JUNE 17	B				
15	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 11	A		0.0 b	15.0 b-h	0.0 a
	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 17	B				
	X-77		L	0.25	% v/v			JUNE 17	B				
16	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 11	A		0.0 b	20.0 a-e	1.3 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B				
17	Sencor	75	DF	0.5	lb/a			JUNE 11	A		0.0 b	16.3 a-g	2.5 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	Revolver	0.19	L	1.25	fl oz/1000 ft2			JUNE 17	B				
18	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 11	A		0.0 b	28.8 a	6.3 a
	X-77		L	0.25	% v/v			JUNE 11	A				
	MSMA	6.6	L	0.5	fl oz/1000 ft2			JUNE 17	B				
	X-77		L	0.25	% v/v			JUNE 17	B				
19	Nontreated										0.0 b	0.0 i	0.0 a
LSD (P=.05)											2.45	12.71	8.02
Standard Deviation											1.73	8.99	5.67
CV											527.36	63.83	195.99
Grand Mean											0.33	14.08	2.89
Bartlett's X2											2.762	13.546	27.661
P(Bartlett's X2)											0.097	0.632	0.024*

North Carolina State University

Dallisgrass Control in a Bermudagrass Rough

Trial ID: 03-D43 Study Dir.: Travis Gannon
Location: Garner CC Investigator: Fred Yelverton

Weed Code			
Crop Code	CYNDA	CYNDA	CYNDA
Rating Data Type	PHYTO	PHYTO	PHYTO
Rating Unit	%	%	%
Rating Date	7-23-03	8-6-03	9-3-03
Trt-Eval Interval	42 DA-A	56 DA-A	84 DA-A
Replicate F	0.692	1.092	0.899
Replicate Prob(F)	0.5607	0.3605	0.4476
Treatment F	1.810	3.206	0.584
Treatment Prob(F)	0.0482	0.0005	0.8960

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Trial Comments

6-11-03 - Trial initiated. Trial area was 90 - 95% covered with dalllisgrass, very thick infestation. Likely will not be able to rate bermudagrass injury b/c of thin stand.

6-17-03 - Sequential treatments were applied and trial was evaluated for dallisgrass % phyto and bermudagrass phyto. Bermudagrass was not mown and was 2 inches tall in nontreated. Dallisgrass was 4 inches tall, 10+ tillers and up to 5 clumps per ft².