



# North Carolina State University

## POSTEMERGENCE BROADLEAF PINK PURSLANE CONTROL IN BERMUDAGRASS

Trial ID: 02-P9

Study Dir.: L.S. WARREN

Location: SAMPSON COUNTY

Investigator: Leon Warren

### APPLICATION DESCRIPTION

	A
Application Date:	09-06-02
Time of Day:	11:00 AM
Application Method:	SPRAY
Application Timing:	POST
Applic. Placement:	BROFOL
Air Temp., Unit:	77 F
% Relative Humidity:	79
Wind Velocity, Unit:	0.7 MPH
Dew Presence (Y/N):	N
Soil Temp., Unit:	81 F
Soil Moisture:	MOIST
% Cloud Cover:	30

### CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	CYNDA CLIPPED
Stage Scale:	NONE
Height, Unit:	6 IN

### WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	PORPI FLOWERING
Stage Scale:	3-4 INCH
Density, Unit:	1-5 FT2

### APPLICATION EQUIPMENT

	A
Appl. Equipment:	BACSPR
Operating Pressure:	31 PSI
Nozzle Type:	FLAT FAN
Nozzle Size:	XR11002VS
Nozzle Spacing, Unit:	15 IN
Band Width, Unit:	60 IN
Boom Length, Unit:	60 IN
Boom Height, Unit:	14 IN
Ground Speed, Unit:	3 MPH
Carrier:	WATER
Spray Volume, Unit:	20 GPA
Propellant:	COMCO2
Tank Mix (Y/N):	Y

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Weed Code							PORPI	PORPI	
Rating Data Type							P-INJURY	P-CONTROL	
Rating Unit							PERCENT	PERCENT	
Rating Date							09-12-02	09-22-02	
Trt-Eval Interval							6 DA-A	16 DA-A	
ARM Action Codes							P	P	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	
1	AATREX	4.0	L	2.0 PT/A			SEP 6 A	71.3 b	100.0 a
2	SIM-TROL	4.0	L	2.0 PT/A			SEP 6 A	0.0 g	0.0 e
3	MILLENNIUM ULTRA	3.75	L	3.0 PT/A			SEP 6 A	40.0 de	92.0 b
4	SPEED ZONE	2.2	EC	3.5 PT/A			SEP 6 A	78.8 ab	90.0 b
5	TRIMEC CLASSIC	3.32	L	3.5 PT/A			SEP 6 A	28.8 ef	93.8 ab
6	ALLY X-77 SPREADER	60	WG L	0.5 OZ WT/A 0.25 % V/V			SEP 6 A SEP 6 A	87.5 a	100.0 a
7	WEEDMASTER X-77 SPREADER	3.88	SL L	2.0 PT/A 0.25 % V/V			SEP 6 A SEP 6 A	50.0 d	93.8 ab
8	REDEEM R&P X-77 SPREADER	3.0	L L	2.0 PT/A 0.25 % V/V			SEP 6 A SEP 6 A	52.5 cd	99.8 a
9	REMEDY X-77 SPREADER	4.0	EC L	2.0 PT/A 0.25 % V/V			SEP 6 A SEP 6 A	72.5 ab	100.0 a
10	WEEDAR 64 X-77 SPREADER	3.8	L L	2.0 PT/A 0.25 % V/V			SEP 6 A SEP 6 A	22.5 f	71.3 c
11	TRANSLINE X-77 SPREADER	3.0	L L	1.33 PT/A 0.25 % V/V			SEP 6 A SEP 6 A	16.3 f	12.5 d
12	VISTA	1.5	EC	1.33 PT/A			SEP 6 A	66.3 bc	100.0 a
13	CHECK							0.0 g	0.0 e
LSD (P=.05)							16.05	7.58	
Standard Deviation							11.23	5.30	
CV							24.91	7.23	
Bartlett's X2							13.544	21.212	
P(Bartlett's X2)							0.195	0.002*	
Replicate F							1.589	1.973	
Replicate Prob(F)							0.2090	0.1355	
Treatment F							27.991	230.854	
Treatment Prob(F)							0.0001	0.0001	

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



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### Trial Comments

09-06-02: PLOT SIZE WAS 6 X 8 FEET BUT SPRAYED THE CENTER 5 X 8 FEET WITH 15 INCH SPACING, 4 NOZZLE BOOM