



# North Carolina State University

## Comparison of Standard Preemergence Crabgrass Herbicides

Trial ID: 02-T05

Study Dir.: Jason Hinton

Location: NC Wesleyan College Investigator: Fred Yelverton

### APPLICATION EQUIPMENT

	<b>A</b>	<b>B</b>
<b>Appl. Equipment:</b>	CO2 Spray	CO2 Spray
<b>Operating Pressure:</b>	36 PSI	36 PSI
<b>Nozzle Type:</b>	Flat Fan	Flat Fan
<b>Nozzle Size:</b>	8002 XR	8002 XR
<b>Nozzle Spacing, Unit:</b>	10 Inch	10 Inch
<b>Boom Height, Unit:</b>	10 Inch	10 Inch
<b>Ground Speed, Unit:</b>	3 MPH	3 MPH
<b>Carrier:</b>	Water	Water
<b>Spray Volume, Unit:</b>	32.5 GPA	32.5 GPA
<b>Propellant:</b>	Compr.CO2	Compr.CO2

# North Carolina State University

## Comparison of Standard Preemergence Crabgrass Herbicides

Trial ID: 02-T05

Study Dir.: Jason Hinton

Location: NC Wesleyan College Investigator: Fred Yelverton

Weed Code							DIGIS	DIGIS	DIGIS			
Rating Data Type							CONTROL	CONTROL	CONTROL			
Rating Unit							%	%	%			
Rating Date							07-16-02	08-15-02	09-19-02			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit Unit	Product Rate	Product Rate	Grow Stg	Appl Code			
1	Pendimethalin	60 DG		3.0 LB	A/A			Pre	A	92.5 c	41.3 f	50.0 e
2	Pendimethalin	60 DG		1.5 LB	A/A			Pre	A	99.8 a	86.3 a-d	82.5 a-d
	Pendimethalin	60 DG		1.5 LB	A/A			8 Weeks	B			
3	Barricade	65 WG		0.75 LB	A/A			Pre	A	100.0 a	92.5 a-d	90.0 a-d
4	Barricade	65 WG		0.5 LB	A/A			Pre	A	98.5 ab	83.8 a-e	78.8 bcd
	Barricade	65 WG		0.25 LB	A/A			8 Weeks	B			
5	Barricade	65 WG		0.375 LB	A/A			Pre	A	100.0 a	77.5 de	77.5 bcd
	Barricade	65 WG		0.375 LB	A/A			8 Weeks	B			
6	Barricade	4 L		0.75 LB	A/A			Pre	A	100.0 a	86.3 a-d	80.0 bcd
7	Barricade	4 L		0.5 LB	A/A			Pre	A	100.0 a	87.5 a-d	83.8 a-d
	Barricade	4 L		0.25 LB	A/A			8 Weeks	B			
8	Barricade	4 L		0.375 LB	A/A			Pre	A	100.0 a	90.0 a-d	88.8 a-d
	Barricade	4 L		0.375 LB	A/A			8 Weeks	B			
9	Ronstar	50 WP		2.5 LB	A/A			Pre	A	100.0 a	90.0 a-d	90.0 a-d
10	Ronstar	50 WP		3.0 LB	A/A			Pre	A	98.8 ab	86.3 a-d	86.3 a-d
11	Ronstar	2 G		2.5 LB	A/A			Pre	A	98.8 ab	82.5 b-e	77.5 bcd
12	Ronstar	2 G		3.0 LB	A/A			Pre	A	98.8 ab	91.3 a-d	85.0 a-d
13	Team Pro	0.86 G		3.0 LB	A/A			Pre	A	97.5 abc	80.0 cde	53.8 e
14	Team Pro	0.86 G		1.5 LB	A/A			Pre	A	100.0 a	87.5 a-d	85.0 a-d
	Team Pro	0.86 G		1.5 LB	A/A			8 Weeks	B			
15	Surflan	4 F		3.0 LB	A/A			Pre	A	98.8 ab	80.0 cde	75.0 d
16	Surflan	4 F		1.5 LB	A/A			Pre	A	98.5 ab	83.8 a-e	76.3 cd
	Surflan	4 F		1.5 LB	A/A			8 Weeks	B			
17	Dimension	1 EC		0.5 LB	A/A			Pre	A	100.0 a	95.0 abc	95.0 abc
18	Dimension	1 EC		0.25 LB	A/A			Pre	A	98.5 ab	82.5 b-e	81.3 a-d
	Dimension	1 EC		0.25 LB	A/A			8 Weeks	B			
19	Team Pro	0.86 G		2.0 LB	A/A			Pre	A	100.0 a	92.5 a-d	91.3 a-d
	Surflan	4 F		1.5 LB	A/A			8 Weeks	B			



# North Carolina State University

## Comparison of Standard Preemergence Crabgrass Herbicides

Trial ID: 02-T05

Study Dir.: Jason Hinton

Location: NC Wesleyan College Investigator: Fred Yelverton

Trial Comments