	RR cotton	resp	onse	to We		Max mix	-	th Prowl			Prov	vl H20	0, Surflan,
		-				or Du	al Ma	ignum.					
	al ID: C44-05 ation: Sunbelt Expo							anley Culp anley Culp					
Rep			by 30	feet	TILVES	LuryalUl		LILLY CUL	r-ch	LCT			
	ay vol: 14.8 gal/ac				rs (min ′	1.389)							
Trt	Treatment	Form	Form		Rate	Grow		Amt Produ				-	
No.		Conc	Туре	Rate	Unit	Stg	Code	to Measure			2	3	
1										101	204	306	
2	Roundup WeatherMax	4.5			oz/a	1-2 lf	A	17.42 ml/n		102	215	303	
	Prowl H20 Roundup WeatherMax	3.8 4.5			lb ai/a oz/a	1-2 lf 6-8 lf	A B	20.0 ml/m 17.42 ml/n				۱ ا	
	Roundup WeatherMax	4.5 4.5			oz/a	12-14 lf		17.42 ml/n				1	
3	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	A	17.42 ml/n		103	206	312	
	Prowl 3.3	3.3	EC		lb ai/a			23.03 ml/n			'	1	
	Roundup WeatherMax	4.5			oz/a	6-8 lf	B	17.42 ml/n 17.42 ml/n				1	
Λ	Roundup WeatherMax	4.5 4.5			oz/a	12-14 lf 1-2 lf	A			104	207	305	
4	Roundup WeatherMax Surflan		L AS		oz/a Ib ai/a			17.42 ml/n 25.34 ml/n		104	207	305	
	Roundup WeatherMax	4.5	L		oz/a	6-8 lf	B	17.42 ml/n				۱ ا	1
<u> </u>	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	С	17.42 ml/n	mx			1	
5	Roundup WeatherMax	4.5			oz/a	1-2 lf	A	17.42 ml/n		105	203	308	
	Dual Magnum Roundup WeatherMax	7.62 4.5			pt/a oz/a	1-2 lf 6-8 lf	A B	12.67 ml/n 17.42 ml/n				1	
	Roundup WeatherMax Roundup WeatherMax	4.5 4.5			oz/a oz/a	6-8 lf 12-14 lf		17.42 ml/n 17.42 ml/n			' 	1	
6	Roundup WeatherMax	4.5			oz/a	1-2 lf	A	17.42 ml/n		106	201	316	
Ĭ	Prowl H20	3.8	EC	0.75	lb ai/a	6-8 lf	В	20.0 ml/m	х				1
	Roundup WeatherMax	4.5			oz/a	6-8 lf	B	17.42 ml/n				۱ ا	1
-	Roundup WeatherMax	4.5			oz/a	12-14 lf		17.42 ml/n		10-			
7	Roundup WeatherMax Prowl 3.3	4.5 3.3			oz/a Ib ai/a	1-2 lf 6-8 lf	A B	17.42 ml/n 23.03 ml/n		107	211	307	
1	Roundup WeatherMax	3.3 4.5			oz/a	6-8 lf	в	17.42 ml/n	mx			۱ ا	1
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf		17.42 ml/n	mx	[·	۱ <u> </u>	
8	Roundup WeatherMax	4.5			oz/a	1-2 lf	А	17.42 ml/n		108	213	301	
1	Surflan Roundun WeatherMax		AS		lb ai/a			25.34 ml/n			' 	1	
1	Roundup WeatherMax Roundup WeatherMax	4.5 4.5			oz/a oz/a	6-8 lf 12-14 lf	B C	17.42 ml/n 17.42 ml/n				1	
9	· · ·	4.5			oz/a	1-2 lf	A	17.42 ml/n		109	212	302	
	Dual Magnum	7.62	L	1	pt/a	6-8 lf	В	12.67 ml/n	mx		- 12	202	1
1	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	В	17.42 ml/n	mx			۱ ا	1
┣—	Roundup WeatherMax	4.5			oz/a	12-14 lf		17.42 ml/n				Ļ	1
10	Roundup WeatherMax	4.5			oz/a		A B	17.42 ml/n		110	208	313	1
1	Roundup WeatherMax Roundup WeatherMax	4.5 4.5			oz/a oz/a	6-8 lf 12-14 lf	B C	17.42 ml/n 17.42 ml/n				۱ ا	
1	Prowl H20	4.5 3.8				12-14 lf 12-14 lf		20.0 ml/m		_		۱ <u> </u>	
11	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	А	17.42 ml/n	mx	111	209	311	
1	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	В	17.42 ml/n	mx			۱ ا	1
1	Roundup WeatherMax	4.5 3 3			oz/a Ib ai/a	12-14 lf		17.42 ml/n				۱ ا	1
40	Prowl 3.3 Roundup WeatherMax	3.3				12-14 lf		23.03 ml/n		110	210	300	
12	Roundup WeatherMax Roundup WeatherMax	4.5 4.5			oz/a oz/a	1-2 lf 6-8 lf	A B	17.42 ml/n 17.42 ml/n		112	210	309	
1	Roundup WeatherMax Roundup WeatherMax	4.5 4.5			oz/a oz/a	0-0 II 12-14 lf		17.42 ml/n	mx			۱ ا	1
	Surflan	4	AS	1	lb ai/a	12-14 lf	С	25.34 ml/n	mx	[اا	1
13	Roundup WeatherMax	4.5			oz/a		A	17.42 ml/n	mx	113	214	304	1
	Roundup WeatherMax	4.5			oz/a	6-8 lf	B	17.42 ml/n				۱ ا	1
1	Roundup WeatherMax Dual Magnum	4.5 7.62			oz/a pt/a	12-14 lf 12-14 lf		17.42 ml/n 12.67 ml/n				۱ ا	1
I		20. ו	<u> </u>	1	pra	ı∠ ⁻ 14 [<u> </u>	12.07 1111/1			· b		1

							-				
Reps	s: 3 Plo	ots: 12	by 30	feet							
Spra	y vol: 14.8 gal/ac	Mix	size: 2	1.5 lite	rs (min	1.389)					
Trt	Treatment	Form	Form		Rate	Grow	Appl	Amt Product	Plot N	lo. By l	Rep
No.	Name	Conc	Туре	Rate	Unit	Stg	Code	to Measure	1	2	3
14	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	А	17.42 ml/mx	114	216	310
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	В	17.42 ml/mx			
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	С	17.42 ml/mx			
	Direx	4	L	1.25	pt/a	12-14 lf	С	15.83 ml/mx			
15	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	А	17.42 ml/mx	115	205	315
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	В	17.42 ml/mx			
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	С	17.42 ml/mx			
16	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	В	17.42 ml/mx	116	202	314
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	С	17.42 ml/mx			

Sort Order: Treatment

Product quantities required for listed treatments and applications in one trial:

Amount*	Unit	Treatment Name	Lot Code			
958.090	ml	Roundup WeatherMax 4.5 L				
75.005	ml	Prowl H20 3.8 EC				
86.370	ml	Prowl 3.3 3.3 EC				
95.007	ml	Surflan 4 AS				
47.503	ml	Dual Magnum 7.62 L				
19.793 ml Direx 4 L						
* 'Per area' calculations based on spray volume= 14.8 g						

'Per area' calculations based on spray volume= 14.8 gal/ac, mix size= 1.5 liters (mix size basis).
Product amount calculations increased 25 % for overage adjustment.

Trial Comments

OBJECTIVE: Evaluate cotton and grass response to glyphosate mixed with Prowl H20, Prowl 3.3 EC, Surflan, or Dual Magnum.

VISUAL COTTON RESPONSE:

1. Cotton was generally more tolerant to Surflan and Prowl at the 12-leaf stage as compared to the 1- or 7-leaf stage. Injury from Dual Magnum mixtures was minimal regardless of cotton size when treated.

2. Injury from the Surflan mixture was generally greater than the Prowl 3.3 mixture initially but later in the season the trend had reversed.

3. Prowl H20 caused less injury than Prowl 3.3 EC but injury was still evident with the H20 formulation.

4. Mixing Direx with glyphosate and applying topically caused 32% injury at 6 DAT. Cotton did actually recover quickly.

4. At late-season, no injury was visually detectable.

LARGE CRABGRASS RESPONSE:

1. Late-season control noted that the residual product used was not important but rather that the residual herbicide was more effective when included in the 12-leaf application as compared to an earlier application. Compared to the glyphosate alone program, the addition of one of the residual herbicides at the 12-leaf stage improved control at least 16%.

Re cotton response to WeatherMax mixed with ProvI 3.3 EC, ProvI H20, SurFlan, or Dual Magnum. Trial ID: C44-05 Study Dir.: Stanley Culpepper Weed Code Crop Code GOSHI May 200 GOSHI Rating Data Type Rating Data The Extended of May-30-05 Jun-37-05 Jul-605 Aug-30-05 Th-Eval Interval GOSHI May-200 GMA Tri Treatment GOSHI May-200 GMA Tri Treatment GOSHI May 200 GMA Tri Treatment GOSHI May 200 GMA Tri Treatment GOSHI May 200 GMA Tri Treatment GO O O O 2 3 4 5 6 7 1 Non-treated 0 0 0 0 0 2 3 4 5 6 7 1 1 2 3 4 5 6 7 1 0
Trial ID: C44-05Study Dir.: Stanley CulpepperInvestigator: Stanley CulpepperWeed CodeGOSHIGOSHIGOSHIGOSHIGOSHIGOSHIGOSHIInjuryin
Location:Sunbelt ExpoInvestigator:Stanley CulpepperWeed Code Crop Code Rating Data TypeGOSHI injuryGOSHI
Crop CodeGOSHI
Rating Data Type Rating Unit Rating Unit Rating Dateinjury percent May-23-05injury percent May-30-05injury percent percent percentinjury percent percent percentinjury percent percentinjury percent percentinjury percent percentinjury percent percentinjury percent percentinjury percent percentinjury percent percentinjury percent percentinjury percent percentinjury percent percentinjury
Rating Unit Rating Datepercent May-23-05percent May-30-05percent Jun-07-05percent Jun-13-05percent Jun-27-05Jun-27-05Jun-07-05Jun-27-05Jun-27-05Jun-07-05Jun-27-06Aug-02-05Aug-02-051Non-treated000000000002Roundup WeatherMax Roundup Weather
Rating Date May-23-05 May-30-05 Jun-07-05 Jun-27-05 Jun-06-05 Aug-02-05 Trt-tval Interval 4 DA-A 19 DA-A 25 DA-A 39 DA-A 48 DA-A 75 DA-A Trt Treatment Rate 1 2 3 4 5 6 7 1 Non-treated 0 0 0 0 0 0 0 0 0 2 Roundup WeatherMax 22 oz/a 4 5 4 4 5 3 0 Prowl H20 0.75 b ai/a -
Trt-Eval Interval 4 DA-A 19 DA-A 25 DA-A 39 DA-A 48 DA-A 75 DA-A Trt Treatment Rate 1 2 3 4 5 6 7 1 Non-treated 0 0 0 0 0 0 0 0 2 Roundup WeatherMax 22 oz/a 4 5 4 4 5 3 0 Prowl H20 0.75 lb ai/a 4 5 12 20 13 17 0 3 Roundup WeatherMax 22 oz/a 7 15 12 20 13 17 0 3 Roundup WeatherMax 22 oz/a 7 15 12 20 13 17 0 9 rowl 3.3 0.75 lb ai/a 1 28 23 27 10 11 0 Surflan 1 bai/a 1 28 23 27 10 11 0 S Roundup WeatherMax 22 oz/a 3 2 2 0 </td
No. Name Rate Unit 1 2 3 4 5 6 7 1 Non-treated 0 0 0 0 0 0 0 0 0 2 Roundup WeatherMax 22 oz/a 4 5 4 4 5 3 0 Prowl H20 0.75 lb ai/a 4 5 4 4 5 3 0 Roundup WeatherMax 22 oz/a
1 Non-treated 0 <th< td=""></th<>
2Roundup WeatherMax22 oz/a4544530Prowl H200.75 lb ai/a22 oz/aRoundup WeatherMax22 oz/a-7151220131703Roundup WeatherMax22 oz/a715122013170Prowl 3.30.75 lb ai/a715122013170Roundup WeatherMax22 oz/a4Roundup WeatherMax22 oz/a1128232710110Surflan1 lb ai/a128232710110Surflan1 lb ai/a205Roundup WeatherMax22 oz/a32220205Roundup WeatherMax22 oz/a5Roundup WeatherMax22 oz/a6Roundup WeatherMax22 oz/a000041106Roundup WeatherMax22 oz/a00004110
Prowl H200.75lb ai/a a Roundup WeatherMax22 oz/a 22 oz/a000003 Roundup WeatherMax22 oz/a Roundup WeatherMax22 oz/a7151220131709 rowl 3.30.75lb ai/a Roundup WeatherMax22 oz/a7151220131704 Roundup WeatherMax22 oz/a1128232710110Surflan1lb ai/a Roundup WeatherMax22 oz/a11282327101105 Roundup WeatherMax22 oz/a32220205 Roundup WeatherMax22 oz/a32220200ual Magnum1pt/a Roundup WeatherMax22 oz/a000041106 Roundup WeatherMax22 oz/a00004110
Roundup WeatherMax22 oz/aImage: constraint of the second se
Roundup WeatherMax22 oz/aImage: constraint of the second se
Prowl 3.30.75 lb ai/a Roundup WeatherMax0.75 lb ai/a 22 oz/a00
Roundup WeatherMax22 oz/aImage: constraint of the second se
Roundup WeatherMax22 oz/aImage: constraint of the second se
4 Roundup WeatherMax22 oz/a1128232710110Surflan1 lb ai/a2 oz/a1128232710110Roundup WeatherMax22 oz/a2 oz/a101101105 Roundup WeatherMax22 oz/a32220205 Roundup WeatherMax22 oz/a3222020Dual Magnum1 pt/a1110110Roundup WeatherMax22 oz/a000041106 Roundup WeatherMax22 oz/a00004110Prowl H200.75 lb ai/a00004110
Surflan1 lb ai/a 22 oz/aIb ai/a 22 oz/aIb ai/aIb ai/aIb ai/aIb ai/aRoundup WeatherMax22 oz/aImage: Second
Roundup WeatherMax22 oz/aImage: Constraint of the systemImage: Constraint of the systemImage: Constraint of the systemImage: Constraint of the system5 Roundup WeatherMax22 oz/a3222020Dual Magnum1 pt/a1 pt/aImage: Constraint of the systemImage: Constraint of the system6 Roundup WeatherMax22 oz/aImage: Constraint of the systemImage: Constraint of the systemImage: Constraint of the systemImage: Constraint of the system6 Roundup WeatherMax22 oz/aImage: Constraint of the systemImage: Constraint of the systemImage: Constraint of the systemImage: Constraint of the systemImage: Constraint of the system9 Prowl H200.75 lb ai/aImage: Constraint of the systemImage: Constraint of the systemImage: Constraint of the systemImage: Constraint of the system
5 Roundup WeatherMax22 oz/a3222020Dual Magnum1 pt/a1 pt/a220201Roundup WeatherMax22 oz/a6 Roundup WeatherMax22 oz/a00004110Prowl H200.75 lb ai/a
Dual Magnum1 pt/a Roundup WeatherMax1 pt/a 22 oz/aImage: Constraint of the second se
Roundup WeatherMax22 oz/a22 oz/a00041106 Roundup WeatherMax22 oz/a00004110Prowl H200.75 lb ai/a00004110
Roundup WeatherMax22 oz/aImage: Constraint of the second se
6 Roundup WeatherMax 22 oz/a 0 0 0 0 4 11 0 Prowl H20 0.75 lb ai/a 0 0 0 0 4 11 0
Roundun WeatherMax 22 oz/a
Roundup WeatherMax 22 oz/a 0 0 14 19 18 0
Prowl 3.3 0.75 lb ai/a
Roundup WeatherMax 22 oz/a
Roundup WeatherMax 22 oz/a
8 Roundup Weather Max 22 oz/a 0 0 0 17 22 7 0
Surflan 1 Ib ai/a Roundup WeatherMax 22 oz/a
Roundup WeatherMax 22 oz/a
9 Roundup WeatherMax 22 oz/a 0 0 0 0 2 0 5 0
Dual Magnum 1 pt/a
Roundup WeatherMax 22 oz/a
Roundup WeatherMax 22 oz/a 10 Doundup WeatherMay 23 oz/a
10 Roundup WeatherMax 22 oz/a 0 0 0 3 5 0 Roundup WeatherMax 22 oz/a 0 0 0 3 5 0
Roundup WeatherMax 22 oz/a
Prowl H20 0.75 lb ai/a
11 Roundup WeatherMax 22 oz/a 0 0 0 11 3 0
Roundup WeatherMax 22 oz/a
Roundup WeatherMax 22 oz/a Prowl 3.3 0.75 lb ai/a
12 Roundup WeatherMax 22 oz/a 0 0 0 0 14 5 0
Roundup WeatherMax 22 oz/a
Roundup WeatherMax 22 oz/a
Surflan 1 lb ai/a

				<u> </u>			
Weed Code Crop Code Rating Data Type Rating Unit Rating Date Trt-Eval Interval	GOSHI injury percent May-23-05 4 DA-A	injury percent May-30-05	injury	injury percent Jun-13-05	percent Jun-27-05	percent Jul-06-05	
TrtTreatmentRateNo.NameRateUnit	1	2	3	4	5	6	7
13Roundup WeatherMax22 oz/aRoundup WeatherMax22 oz/aRoundup WeatherMax22 oz/aDual Magnum1 pt/a	0	0	0	0	8	7	0
14Roundup WeatherMax22 oz/aRoundup WeatherMax22 oz/aRoundup WeatherMax22 oz/aDirex1.25 pt/a	0	0	0	0	32	17	4
15Roundup WeatherMax22 oz/aRoundup WeatherMax22 oz/aRoundup WeatherMax22 oz/a	0	0	0	0	3	2	0
16Roundup WeatherMax22 oz/aRoundup WeatherMax22 oz/a	0	0	0	0	0	0	0
LSD (P=.05) Standard Deviation CV	2.3 1.4 89.59	3.3 2.0 62.29	1.2	5.0 3.0 55.68	4.6 2.8 30.84	8.9 5.3 74.61	0.7 0.4 173.21

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

Standardized Summary Page 5 of 9

University of Georgia

Weed Code	DIGSA	DIGSA	DIGSA
Crop Code	cotton	cotton	cotton
Rating Data Type	control	control	control
Rating Unit	percent	percent	percent
Rating Date	Jun-07-05	Jun-27-05	Aug-02-05
Trt-Eval Interval	19 DA-A	39 DA-A	75 DA-A
Trt Treatment Rate			
No. Name Rate Unit	8	9	10
1 Non-treated	0	0	0
2 Roundup WeatherMax 22 oz/a	88	99	86
Prowl H20 0.75 lb ai/a			
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
3 Roundup WeatherMax 22 oz/a	88	99	88
Prowl 3.3 0.75 lb ai/a			
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
4 Roundup WeatherMax 22 oz/a	94	99	79
Surflan 1 lb ai/a			
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
5 Roundup WeatherMax 22 oz/a	88	99	80
Dual Magnum 1 pt/a			
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
6 Roundup WeatherMax 22 oz/a	40	99	86
Prowl H20 0.75 lb ai/a			
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
7 Roundup WeatherMax 22 oz/a	45	99	78
Prowl 3.3 0.75 lb ai/a			
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
8 Roundup WeatherMax 22 oz/a	44	99	77
Surflan 1 Ib ai/a			
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
9 Roundup WeatherMax 22 oz/a	44	99	82
Dual Magnum 1 pt/a			
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
10 Roundup WeatherMax 22 oz/a	44	99	97
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
Prowl H20 0.75 lb ai/a			
11 Roundup WeatherMax 22 oz/a	44	99	96
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
Prowl 3.3 0.75 lb ai/a			
12 Roundup WeatherMax 22 oz/a	44	99	97
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
Surflan 1 lb ai/a			
13 Roundup WeatherMax 22 oz/a	44	99	96
Roundup WeatherMax 22 oz/a			
Roundup WeatherMax 22 oz/a			
Dual Magnum 1 pt/a			

Standardized Summary Page 6 of 9

University of Georgia

Weed Code Crop Code Rating Data Type Rating Unit Rating Date Trt-Eval Interval		DIGSA cotton control percent Jun-07-05 19 DA-A		cotton control percent Aug-02-05
Trt Treatment No. Name Ra	Rate te Unit	8	9	10
Roundup WeatherMax 2 Roundup WeatherMax 2	22 oz/a 22 oz/a 22 oz/a 25 pt/a	43	99	99
Roundup WeatherMax	22 oz/a 22 oz/a 22 oz/a	42	99	82
	22 oz/a 22 oz/a	42	99	73
LSD (P=.05) Standard Deviation CV		5.6 3.3 6.42	0.0 0.0 0.0	16.5 9.9 12.19

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

Mar-03-06 (C44-05)

University of Georgia

	·		5 1 W00 a Cl
RR	cotton response to I	WeatherMax mixed with Prowl 3.3 EC,	, Prowl H20, Surflan,
madel TD: 044 0	r.	or Dual Magnum.	
Trial ID: C44-0		Study Dir.: Stanley Culpepper	
Location: Sunbe		Investigator: Stanley Culpepper	
		RIAL INFORMATION	
	Stanley Culpepper	Title: Ext. Weed	d Science
	Univ. of Georgia		
Postal Code:	31794		
Investigator:	Stanley Culpepper	Title: Ext. Weed	d Science
Affiliation:	Univ. of Georgia		
Postal Code:	31794		
	TRI	AL LOCATION	
City: Mo	ultrie	Trial Status:	completed
State/Prov.: GA		Trial Reliability:	good
Postal Code:		Initiation Date:	May-04-05
Country: US	A	Planned Completion Date	:
E-Longitude of	LL Corner °:	N-Latitude of LL Corner °	:
Altitude of LL	Corner: Uni	t: Angle y-axis to North °	:
Directions:			
	COOPER	ATOR/LANDOWNER	
Cooperator:		Country:	
Org:		Phone No:	
Address 1:		Fax No:	
Address 2:			
City:			
State/Prov:			
Postal Code:			
Conducted Under	GLP (Y/N): N	Conducted Under GEP (Y/N): N	
Guidelines:	Guideline	Description:	
Objective:			
Conclusions:			

		(CROP AND WI	EED DES	SCRIPTIO	N		
Weed	Code	Common Name		Sci	entific.	Name		
1.	DIGSA	large crabgrass						
-		SHI cotton				-	: DP 444 B	B/RR
Plant	ing Da	te: May-04-05	1	Planti	ng Metho	1: strip til	llage	
Rate:	2	8 in	Depth: 0	.5 iı	n	Perennial 2	Age:	
Row S	pacing	: 36 inch S	Spacing Wit	thin Ro		See	ed Bed: fl	lat
Soil	Temper	ature: 76 F	Soil Moist	ture: T	noist	Emerge	ence Date:	May-10-05
			SITE 2	AND DE:	SIGN			
Plot	Width,	Unit: 12 FT	r Plot	Lengtl	h, Unit:	30 FT	Reps:	3
		Sunbelt expo	2	Study	Design:	RANDOMIZED	COMPLETE	BLOCK

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.			

MAINTENANCE

		Maintenance	Form	Form	Form		Rate
No.	Date	Treatment Name	Conc	Unit	Туре	Rate	Unit
1.							

			SOIL DESCRIPTION
% Sand: 88	% OM:	1.2	Texture: loamy sand
% Silt: 12	pH:	6	Soil Name:
% Clay: 0	CEC:		Fert. Level:

	ADDITIONAL M	EASURED	ELEMEN	TS
Element		Quanti	ty	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Туре	Interval	Unit
1.							

Overall Moisture Conditions: wet Closest Weather Station: _____ Distance: ____ Unit: ___

	APPLICATION DESCRIPTION					
	A		В		C	
Application Date:	May-	-19-05	Jun	-07-05	Jun-	-20-05
Time of Day:	11 a	am	10 a	am	9 an	n
Application Method:	broa	adcast	broa	adcast	broa	adcast
Application Timing:	1-2	leaf	6-8	leaf	12-1	l4leaf
Applic. Placement:	ovei	rtop	ove	rtop	over	rtop
Air Temp., Unit:	83	F	78	F	78	F
% Relative Humidity:	40		67		62	
Wind Velocity, Unit:	2	mph	0	mph	2	mph
Dew Presence (Y/N):	n		n		n	
Water Hardness:						
Soil Temp., Unit:	85	F	77	F	81	F
Soil Moisture:	faiı	<u></u>	wet		mois	st
% Cloud Cover:	25		0		0	

CROP STAGE AT EACH APPLICATION

	A	В	С	
Crop 1 Code, Stage:	GOSHI 1-2 leaf	GOSHI 6-8 leaf	GOSHI 12-14 lf	
Stage Scale:	1 leaf	7 leaf	11-12 lf	
Height, Unit:	1.5 inch	9 inch	11 inch	

WEED STAGE AT EACH APPLICATION

	A	В	C		
Weed 1 Code, Stage:	DIGSA 1-2 leaf	DIGSA 6-8 leaf	DIGSA 12-14 lf		
Stage Scale:	< 1 inch	< 5 inch	< 4 inch		
Density, Unit:	25 ydsq	15 ydsq	4 ydsq		

Site Description Page 9 of 9 University of Georgia

	APPLICATION EQUIPMENT					
		А	В		С	
Appl. Equipment:	backpack		backpack		backpack	
Operating Pressure:	23		23		23	
Nozzle Type:	flat	fan	flat	fan	flat	fan
Nozzle Size:	11002	2	11002		11002	
Nozzle Spacing, Unit:	18	inch	18	inch	18	inch
Nozzles/Row:	3		3		3	
Band Width, Unit:						
Boom Length, Unit:	4.5	feet	4.5	feet	4.5	feet
Boom Height, Unit:	15	inch	15	inch	15	inch
Ground Speed, Unit:	3	mph	3	mph	3	mph
Incorporation Equip.:						
Hours to Incorp.:						
Incorp. Depth, Unit:						
Carrier:	water		water		water	
Spray Volume, Unit:	14.8	GPA	14.8	GPA	14.8	GPA
Spray pH:						
Propellant:	CO2		C02		C02	
Tank Mix (Y/N):	Y		Y		Y	

APPLICATION EQUIPMENT

Trt No

Treatment Application Comment
