

University of Georgia

**RR Flex cotton response to WeatherMax mixed with Prowl 3.3, Prowl H20, Surflan,
or Dual Magnum.**

Trial ID: C12-05

Study Dir.: Culpepper

Location: Jones Farm

Investigator: Stanley Culpepper

Reps: 4

Plots: 6 by 25 feet

Spray vol: 14.8 gal/ac

Mix size: 1 liters (min .77168)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Form Unit	Grow Stg	Appl Code	Amt Product to Measure	Plot No. By Rep			
									1	2	3	4
1	Prowl H20	3.8	EC	0.75	lb ai/a	PRE	A	13.33 ml/mx	101	207	317	404
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
2	Prowl 3.3 EC	3.3	EC	0.75	lb ai/a	PRE	A	15.35 ml/mx	102	210	304	417
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
3	Surflan	4	AS	1.0	lb ai/a	PRE	A	16.89 ml/mx	103	212	316	412
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
4	Dual Magnum	7.62	L	1	pt/a	PRE	A	8.445 ml/mx	104	211	303	401
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
5	Non-treated								105	209	305	415
6	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	B	11.61 ml/mx	106	201	307	411
	Prowl H20	3.8	EC	0.75	lb ai/a	1-2 lf	B	13.33 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
7	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	B	11.61 ml/mx	107	208	314	403
	Prowl 3.3	3.3	EC	0.75	lb ai/a	1-2 lf	B	15.35 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
8	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	B	11.61 ml/mx	108	206	310	416
	Surflan	4	AS	1	lb ai/a	1-2 lf	B	16.89 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
9	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	B	11.61 ml/mx	109	205	312	407
	Dual Magnum	7.62	L	1	pt/a	1-2 lf	B	8.445 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
10	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	B	11.61 ml/mx	110	213	318	408
	Prowl H20	3.8	EC	0.75	lb ai/a	6-8 lf	C	13.33 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
11	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	B	11.61 ml/mx	111	214	306	410
	Prowl 3.3	3.3	EC	0.75	lb ai/a	6-8 lf	C	15.35 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
12	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	B	11.61 ml/mx	112	217	313	409
	Surflan	4	AS	1	lb ai/a	6-8 lf	C	16.89 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
13	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	B	11.61 ml/mx	113	202	301	405
	Dual Magnum	7.62	L	1	pt/a	6-8 lf	C	8.445 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
14	Roundup WeatherMax	4.5	L	22	oz/a	1-2 lf	B	11.61 ml/mx	114	218	315	406
	Roundup WeatherMax	4.5	L	22	oz/a	6-8 lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14 lf	D	11.61 ml/mx				
	Prowl H20	3.8	EC	0.75	lb ai/a	12-14 lf	D	13.33 ml/mx				

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Reps: 4 Plots: 6 by 25 feet
 Spray vol: 14.8 gal/ac Mix size: 1 liters (min .77168)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl Code	Amt Product to Measure	Plot No. By Rep				
									1	2	3	4	
15	Roundup WeatherMax	4.5	L	22	oz/a	1-2	lf	B	11.61 ml/mx	115	216	302	418
	Roundup WeatherMax	4.5	L	22	oz/a	6-8	lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14	lf	D	11.61 ml/mx				
	Prowl 3.3	3.3	EC	0.75	lb ai/a	12-14	lf	D	15.35 ml/mx				
16	Roundup WeatherMax	4.5	L	22	oz/a	1-2	lf	B	11.61 ml/mx	116	215	309	414
	Roundup WeatherMax	4.5	L	22	oz/a	6-8	lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14	lf	D	11.61 ml/mx				
	Surflan	4	AS	1	lb ai/a	12-14	lf	D	16.89 ml/mx				
17	Roundup WeatherMax	4.5	L	22	oz/a	1-2	lf	B	11.61 ml/mx	117	204	311	413
	Roundup WeatherMax	4.5	L	22	oz/a	6-8	lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14	lf	D	11.61 ml/mx				
	Dual Magnum	7.62	L	1	pt/a	12-14	lf	D	8.445 ml/mx				
18	Roundup WeatherMax	4.5	L	22	oz/a	1-2	lf	B	11.61 ml/mx	118	203	308	402
	Roundup WeatherMax	4.5	L	22	oz/a	6-8	lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14	lf	D	11.61 ml/mx				
	Direx	4	L	1.25	pt/a	12-14	lf	D	10.56 ml/mx				
19	Roundup WeatherMax	4.5	L	22	oz/a	1-2	lf	B	11.61 ml/mx	119	219	319	419
	Roundup WeatherMax	4.5	L	22	oz/a	6-8	lf	C	11.61 ml/mx				
	Roundup WeatherMax	4.5	L	22	oz/a	12-14	lf	D	11.61 ml/mx				
20	Roundup WeatherMax	4.5	L	22	oz/a	6-8	lf	C	11.61 ml/mx	120	220	320	420
	Roundup WeatherMax	4.5	L	22	oz/a	12-14	lf	D	11.61 ml/mx				

Sort Order: Treatment

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

Amount*	Unit	Treatment Name	Lot Code
66.671	ml	Prowl H20 3.8 EC	
754.858	ml	Roundup WeatherMax 4.5 L	
19.193	ml	Prowl 3.3 EC 3.3 EC	
84.451	ml	Surflan 4 AS	
42.225	ml	Dual Magnum 7.62 L	
57.580	ml	Prowl 3.3 3.3 EC	
13.195	ml	Direx 4 L	

* 'Per area' calculations based on spray volume= 14.8 gal/ac, mix size= 1 liters (mix size basis).
 * Product amount calculations increased 25 % for overage adjustment.

Trial Comments

OBJECTIVE: Evaluate cotton and weed response to Flex cotton treated with mixtures of Roundup plus Prowl H20, Prowl 3.3 EC, Dual Magnum and Surflan.

COTTON RESPONSE:

1. Heavy rains occurred immediately after planting on a soil with 95% sand and only 0.67% organic matter, thus injury was expected from PRE applications.
2. At 18 day after planting, Surflan and Dual caused significant injury when applied PRE (24-36%). Injury from Prowl H20 and Prowl 3.3 was 12 and 6% respectively.
3. Cotton injury from PRE applications of Surflan and Dual were evident for over a month after planting.
4. Injury from POST applications was less than expected on the early timings with injury 17% or less. Injury from Surflan mixtures tended to be more injurious at each application timing.
5. Severe injury occurred with Direx was applied topically (37%).
6. Applications of Prowl H20, Prowl 3.3 EC or Dual Magnum were less than 10% when applied over 6-8 or 11-12 leaf cotton.

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WEED RESPONSE:

Palmer amaranth and large crabgrass:

1. Both species were controlled effectively even in the glyphosate only systems.

Florida pusley:

1. When applied PRE, Surflan was the most effective option at 24 and 35 DAT. Similar trends were also noted when applied POST.
2. At season's end, greater than 90% control was noted in systems including Surflan applied over 1-2 leaf cotton, 6-8 leaf cotton, or 11-12 leaf cotton, Prowl H2O applied overtop of 11-12 leaf cotton, and when Direx was applied overtop of 11-12 leaf cotton.

GENERAL COMMENTS:

1. Gramoxone at 1.5 pt/A plus NIS was applied on April 15 to control emerged weeds (light population).

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Weed Code			GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	AMAPA	AMAPA
Crop Code			injury	injury	injury	injury	injury	control	control
Rating Data Type			percent	percent	percent	percent	percent	percent	percent
Rating Unit									
Rating Date			May-13-05	May-19-05	May-24-05	Jun-09-05	Jun-27-05	May-13-05	May-24-05
Trt-Eval Interval			30 DA-A	36 DA-A	41 DA-A	57 DA-A	75 DA-A	30 DA-A	41 DA-A
Trt No.	Treatment Name	Rate Unit	1	2	3	4	5	6	7
14	Roundup WeatherMax	22 oz/a	0	0	0	0	3	0	99
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
	Prowl H20	0.75 lb ai/a							
15	Roundup WeatherMax	22 oz/a	0	0	0	1	7	0	99
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
	Prowl 3.3	0.75 lb ai/a							
16	Roundup WeatherMax	22 oz/a	0	0	0	2	15	0	99
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
	Surflan	1 lb ai/a							
17	Roundup WeatherMax	22 oz/a	0	0	0	3	8	0	99
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
	Dual Magnum	1 pt/a							
18	Roundup WeatherMax	22 oz/a	0	0	0	0	37	0	99
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
	Direx	1.25 pt/a							
19	Roundup WeatherMax	22 oz/a	0	0	0	0	0	0	99
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
20	Roundup WeatherMax	22 oz/a	0	0	0	0	0	0	0
	Roundup WeatherMax	22 oz/a							
LSD (P=.05)			3.8	5.5	6.1	7.1	5.9	1.1	8.9
Standard Deviation			2.7	3.9	4.3	5.0	4.2	0.8	6.3
CV			69.07	117.9	98.05	127.82	63.61	4.09	7.17

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

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Weed Code			AMAPA	DIGSA	DIGSA	DIGSA	RCHSC	RCHSC	RCHSC
Crop Code									
Rating Data Type			control	control	control	control	control	control	control
Rating Unit			percent	percent	percent	percent	percent	percent	percent
Rating Date			Jun-27-05	May-13-05	Jun-27-05	Sep-02-05	May-13-05	May-24-05	Jun-14-05
Trt-Eval Interval			75 DA-A	30 DA-A	75 DA-A	142 DA-A	30 DA-A	41 DA-A	62 DA-A
Trt No.	Treatment Name	Rate Rate Unit	8	9	10	11	12	13	14
1	Prowl H20 Roundup WeatherMax Roundup WeatherMax	0.75 lb ai/a 22 oz/a 22 oz/a	99	98	99	95	91	61	51
2	Prowl 3.3 EC Roundup WeatherMax Roundup WeatherMax	0.75 lb ai/a 22 oz/a 22 oz/a	99	99	99	96	90	77	59
3	Surflan Roundup WeatherMax Roundup WeatherMax	1.0 lb ai/a 22 oz/a 22 oz/a	99	100	99	98	100	95	85
4	Dual Magnum Roundup WeatherMax Roundup WeatherMax	1 pt/a 22 oz/a 22 oz/a	99	99	99	86	89	70	71
5	Non-treated		0	0	0	0	0	0	0
6	Roundup WeatherMax Prowl H20 Roundup WeatherMax Roundup WeatherMax	22 oz/a 0.75 lb ai/a 22 oz/a 22 oz/a	99	0	99	94	0	97	84
7	Roundup WeatherMax Prowl 3.3 Roundup WeatherMax Roundup WeatherMax	22 oz/a 0.75 lb ai/a 22 oz/a 22 oz/a	93	0	99	93	0	96	71
8	Roundup WeatherMax Surflan Roundup WeatherMax Roundup WeatherMax	22 oz/a 1 lb ai/a 22 oz/a 22 oz/a	99	0	99	97	0	99	93
9	Roundup WeatherMax Dual Magnum Roundup WeatherMax Roundup WeatherMax	22 oz/a 1 pt/a 22 oz/a 22 oz/a	92	0	99	94	0	93	74
10	Roundup WeatherMax Prowl H20 Roundup WeatherMax Roundup WeatherMax	22 oz/a 0.75 lb ai/a 22 oz/a 22 oz/a	98	0	99	97	0	93	86
11	Roundup WeatherMax Prowl 3.3 Roundup WeatherMax Roundup WeatherMax	22 oz/a 0.75 lb ai/a 22 oz/a 22 oz/a	99	0	99	98	0	94	92
12	Roundup WeatherMax Surflan Roundup WeatherMax Roundup WeatherMax	22 oz/a 1 lb ai/a 22 oz/a 22 oz/a	99	0	99	97	0	93	95
13	Roundup WeatherMax Dual Magnum Roundup WeatherMax Roundup WeatherMax	22 oz/a 1 pt/a 22 oz/a 22 oz/a	99	0	99	96	0	97	93
14	Roundup WeatherMax Roundup WeatherMax Roundup WeatherMax Prowl H20	22 oz/a 22 oz/a 22 oz/a 0.75 lb ai/a	99	0	99	98	0	95	71

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Weed Code			AMAPA	DIGSA	DIGSA	DIGSA	RCHSC	RCHSC	RCHSC
Crop Code									
Rating Data Type			control	control	control	control	control	control	control
Rating Unit			percent	percent	percent	percent	percent	percent	percent
Rating Date			Jun-27-05	May-13-05	Jun-27-05	Sep-02-05	May-13-05	May-24-05	Jun-14-05
Trt-Eval Interval			75 DA-A	30 DA-A	75 DA-A	142 DA-A	30 DA-A	41 DA-A	62 DA-A
Trt No.	Treatment Name	Rate Unit	8	9	10	11	12	13	14
15	Roundup WeatherMax	22 oz/a	99	0	99	97	0	96	59
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
	Prowl 3.3	0.75 lb ai/a							
16	Roundup WeatherMax	22 oz/a	99	0	99	97	0	95	68
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
	Surflan	1 lb ai/a							
17	Roundup WeatherMax	22 oz/a	99	0	99	96	0	96	52
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
	Dual Magnum	1 pt/a							
18	Roundup WeatherMax	22 oz/a	99	0	99	98	0	97	54
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
	Direx	1.25 pt/a							
19	Roundup WeatherMax	22 oz/a	99	0	99	99	2	95	59
	Roundup WeatherMax	22 oz/a							
	Roundup WeatherMax	22 oz/a							
20	Roundup WeatherMax	22 oz/a	96	0	99	95	0	0	53
	Roundup WeatherMax	22 oz/a							
LSD (P=.05)			4.1	0.7	0.0	7.1	3.3	12.3	22.9
Standard Deviation			2.9	0.5	0.0	5.0	2.4	8.7	16.2
CV			3.1	2.44	0.0	5.52	12.66	10.59	23.69

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

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Weed Code			RCHSC	RCHSC
Crop Code				
Rating Data Type			control	control
Rating Unit			percent	percent
Rating Date			Jun-27-05	Sep-02-05
Trt-Eval Interval			75 DA-A	142 DA-A
Trt No.	Treatment Name	Rate Rate Unit	15	16
1	Prowl H20 Roundup WeatherMax Roundup WeatherMax	0.75 lb ai/a 22 oz/a 22 oz/a	87	56
2	Prowl 3.3 EC Roundup WeatherMax Roundup WeatherMax	0.75 lb ai/a 22 oz/a 22 oz/a	92	80
3	Surflan Roundup WeatherMax Roundup WeatherMax	1.0 lb ai/a 22 oz/a 22 oz/a	92	74
4	Dual Magnum Roundup WeatherMax Roundup WeatherMax	1 pt/a 22 oz/a 22 oz/a	91	76
5	Non-treated		0	0
6	Roundup WeatherMax Prowl H20 Roundup WeatherMax Roundup WeatherMax	22 oz/a 0.75 lb ai/a 22 oz/a 22 oz/a	91	81
7	Roundup WeatherMax Prowl 3.3 Roundup WeatherMax Roundup WeatherMax	22 oz/a 0.75 lb ai/a 22 oz/a 22 oz/a	91	75
8	Roundup WeatherMax Surflan Roundup WeatherMax Roundup WeatherMax	22 oz/a 1 lb ai/a 22 oz/a 22 oz/a	93	90
9	Roundup WeatherMax Dual Magnum Roundup WeatherMax Roundup WeatherMax	22 oz/a 1 pt/a 22 oz/a 22 oz/a	90	71
10	Roundup WeatherMax Prowl H20 Roundup WeatherMax Roundup WeatherMax	22 oz/a 0.75 lb ai/a 22 oz/a 22 oz/a	94	73
11	Roundup WeatherMax Prowl 3.3 Roundup WeatherMax Roundup WeatherMax	22 oz/a 0.75 lb ai/a 22 oz/a 22 oz/a	94	82
12	Roundup WeatherMax Surflan Roundup WeatherMax Roundup WeatherMax	22 oz/a 1 lb ai/a 22 oz/a 22 oz/a	97	94
13	Roundup WeatherMax Dual Magnum Roundup WeatherMax Roundup WeatherMax	22 oz/a 1 pt/a 22 oz/a 22 oz/a	93	86
14	Roundup WeatherMax Roundup WeatherMax Roundup WeatherMax Prowl H20	22 oz/a 22 oz/a 22 oz/a 0.75 lb ai/a	99	96

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Weed Code			RCHSC	RCHSC
Crop Code				
Rating Data Type			control	control
Rating Unit			percent	percent
Rating Date			Jun-27-05	Sep-02-05
Trt-Eval Interval			75 DA-A	142 DA-A
Trt No.	Treatment Name	Rate	Unit	
				15 16
15	Roundup WeatherMax	22	oz/a	98 83
	Roundup WeatherMax	22	oz/a	
	Roundup WeatherMax	22	oz/a	
	Prowl 3.3	0.75	lb ai/a	
16	Roundup WeatherMax	22	oz/a	97 94
	Roundup WeatherMax	22	oz/a	
	Roundup WeatherMax	22	oz/a	
	Surflan	1	lb ai/a	
17	Roundup WeatherMax	22	oz/a	93 75
	Roundup WeatherMax	22	oz/a	
	Roundup WeatherMax	22	oz/a	
	Dual Magnum	1	pt/a	
18	Roundup WeatherMax	22	oz/a	96 91
	Roundup WeatherMax	22	oz/a	
	Roundup WeatherMax	22	oz/a	
	Direx	1.25	pt/a	
19	Roundup WeatherMax	22	oz/a	89 69
	Roundup WeatherMax	22	oz/a	
	Roundup WeatherMax	22	oz/a	
20	Roundup WeatherMax	22	oz/a	80 51
	Roundup WeatherMax	22	oz/a	
LSD (P=.05)			6.8	15.0
Standard Deviation			4.8	10.6
CV			5.47	14.21

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

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MAINTENANCE

Field Prep./Maintenance:

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

SOIL DESCRIPTION

% Sand: 95	% OM: 0.67	Texture: sand	
% Silt: 2	pH: 5.8	Soil Name: Tifton sandy loam	
% Clay: 3	CEC: _____	Fert. Level: _____	

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

No.	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: irrigated

Closest Weather Station: _____ Distance: _____ Unit: ____

APPLICATION DESCRIPTION

	A	B	C	D
Application Date:	Apr-19-05	May-13-05	May-30-05	Jun-14-05
Time of Day:	10 am	8 am	9 am	7 pm
Application Method:	broadcast	broadcast	broadcast	broadcast
Application Timing:	PRE	1-2 lf	6-8 lf	11-12 lf
Applic. Placement:	soil/cove	overtop	overtop	overtop
Air Temp., Unit:	74 F	74 F	82 F	100 F
% Relative Humidity:	54	66	49	67
Wind Velocity, Unit:	2 mph	0 mph	2 mph	2 mph
Dew Presence (Y/N):	n	n	n	n
Water Hardness:				
Soil Temp., Unit:	77 F	68 F	84 F	98 F
Soil Moisture:	moist	moist	dry	wet
% Cloud Cover:	0	0	90	0

CROP STAGE AT EACH APPLICATION

	A	B	C	D
Crop 1 Code, Stage:	GOSHI PRE	GOSHI 1-2 lf	GOSHI 6-8 lf	GOSHI 11-12 lf
Stage Scale:	not up	1 leaf	6 leaf	11 leaf
Height, Unit:	0 inch	1.5 inch	7 inch	15 inch

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WEED STAGE AT EACH APPLICATION

	A	B	C	D
Weed 1 Code, Stage:	AMAPA PRE	AMAPA 1-2 lf	AMAPA 6-8 lf	AMAPA 11-12 lf
Stage Scale:	not up	<1 in	< 8 in	< 2 in
Density, Unit:	0 ydsq	5 ydsq	5 ydsq	5 ydsq
Weed 2 Code, Stage:	DIGSA PRE	DIGSA 1-2 lf	DIGSA 6-8 lf	DIGSA 11-12 lf
Stage Scale:	not up	<1 in	< 5 in	< 2 in
Density, Unit:	0 ydsq	5 ydsq	10 ydsq	8 ydsq
Weed 3 Code, Stage:	RCHSC PRE	RCHSC 1-2 lf	RCHSC 6-8 lf	RCHSC 11-12 lf
Stage Scale:	not up	<1 in	< 4 in	< 2 in
Density, Unit:	0 ydsq	5 ydsq	5 ydsq	5 ydsq

APPLICATION EQUIPMENT

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

Trt No	Treatment Application Comment