Mar-11-08 (C25-07)

University of Georgia

Tropical spiderwort response to V-10204.

Trial ID: C25-07 Study Dir.: Tim Flanders
Location: Berrien County Investigator: Stanley Culpepper

Reps: 4 Plots: 6 by 22 feet

Spray vol: 14.8 gal/ac Mix size: 1 liters (min .67908)

Opio	ay voi. 14.0 gai/ac	IVIIA	SIZC.	IIICIS	(111111)	1 300)								
Trt	Treatment	Form	Form	Form		Rate	Grow	Appl	Amt Product	Plot N	lo. By F	Rep		
No.	Name	Conc	Unit	Type	Rate	Unit	Stg	Code	to Measure	1	2	3	4	
1	None									101	207	303	408	
2	V-10204	85		WG	0.053	LB A/A	PRE	Α	0.5048 g/mx	102	214	310	409	
	Roundup WeatherMax	4.5		L	22	OZ/A	POST	В	11.61 ml/mx					
3	V-10204	85		WG	0.106	LB A/A	PRE	Α	1.01 g/mx	103	206	314	413	
	Roundup WeatherMax	4.5		L	22	OZ/A	POST	В	11.61 ml/mx					
4	V-10204	85		WG	0.159	LB A/A	PRE	Α	1.514 g/mx	104	211	315	401	
	Roundup WeatherMax	4.5		L	22	OZ/A	POST	В	11.61 ml/mx					
5	V-10204	85		WG	0.213	LB A/A	PRE	Α	2.029 g/mx	105	204	313	415	
	Roundup WeatherMax	4.5		L	22	OZ/A	POST	В	11.61 ml/mx					
6	Dual Magnum	7.64		L	0.95	LB A/A		Α	8.401 ml/mx	106	202	311	403	
	Roundup WeatherMax	4.5		L	22	OZ/A	POST	В	11.61 ml/mx					
7	Dual Magnum	7.64		L	1.25	LB A/A	PRE	Α	11.05 ml/mx	107	213	305	410	
	Roundup WeatherMax	4.5		L	22	OZ/A	POST	В	11.61 ml/mx					
8	Cotoran	4		L	1			Α	16.89 ml/mx	108	203	312	405	
	Roundup WeatherMax	4.5		L	22	OZ/A	POST	В	11.61 ml/mx					
9	Dual Magnum	7.64		L	0.95	LB A/A	PRE	Α	8.401 ml/mx	109	210	309	411	
	Cotoran	4		L		LB A/A		Α	16.89 ml/mx					
	Roundup WeatherMax			<u>L</u>		OZ/A	POST		11.61 ml/mx					
10	Roundup WeatherMax			L		OZ/A	POST		11.61 ml/mx	110	215	304	402	
	V-10204	85		WG	0.053	LB A/A	POST	В	0.5048 g/mx					
11	Roundup WeatherMax			L			POST		11.61 ml/mx	111	209	307	406	
	V-10204	85		WG		LB A/A			1.01 g/mx					
12	Roundup WeatherMax			L		OZ/A	POST	_	11.61 ml/mx	112	208	301	407	
	V-10204	85		WG	0.159	LB A/A	POST	В	1.514 g/mx					
13	Roundup WeatherMax			L		OZ/A	POST		11.61 ml/mx	113	212	302	412	
	V-10204	85		WG		LB A/A			2.029 g/mx					
14	Roundup WeatherMax			L		OZ/A	POST		11.61 ml/mx	114	201	308	414	
	Dual Magnum	7.64		L		LB A/A			8.401 ml/mx					
15	Roundup WeatherMax			L		OZ/A	POST	_	11.61 ml/mx	115	205	306	404	
	Dual Magnum	7.64		L	1.25	LB A/A	POST	В	11.05 ml/mx					

Sort Order: Treatment

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

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
12.645	g	V-10204	85	WG	
203.231	ml	Roundup WeatherMax	4.5	L	
59.137	ml	Dual Magnum	7.64	L	
42.225	ml	Cotoran	4	L	

^{* &#}x27;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.

Mar-11-08 (C25-07) Trial Comments Page 2 of 7

University of Georgia

Tropical spiderwort response to V-10204.

Trial ID: C25-07 Study Dir.: Tim Flanders
Location: Berrien County Investigator: Stanley Culpepper

Trial Comments

OBJECTIVE: Determine cotton and tropical spiderwort response to V-10204.

Cotton Response:

- 1. At 15 d after planting (irrigated the day of planting), injury (noted as stunting) ranged from 2.5 to 26% with increasing injury as the rate of V-10204 increased. By 35 days after planting, injury by V-10204 at 0.159 and 0.213 was still unacceptable and severe. Injury by 0.106 lb was significant (19%) with minor injury noted with 0.053 lb ai (8%).
- 2. Injury from Dual Magnum ranged from 11 to 24% and was rate responsive.
- 3. POST applications of V-10204 caused severe (>19%) injury at 5 DAT with all rates of V-10204 when mixed with glyphosate. Injury from V-10204 mixtures was at least twice that noted with Dual Magnum. POST injury was a measure of necrosis and leaf drop.
- 4. Visual cotton injury was not noted in mid August.

Tropical Spiderwort Response:

- 1. At 15 d after PRE treatments, only V-10204 at 0.053 provided less than 90% control.
- 2. By 35 d after PRE treatments, Dual Magnum at 1.25 lb and Dual plus Cotoran were the most effective options. Control was about 10% less with Dual Magnum at 0.95 lb, V-10204 at 0.159 and 0.213 lb/A.
- 3. By 58 d after PRE treatments, control was similar among PRE treatments except for the combination of Dual plus Cotoran was 20% more effective than any other PRE option.
- 4. At 23 and 44 d after POST treatments, control was excellent with all V-10204 and Dual Magnum options.
- 5. At 111 d after POST applications, control by glyphosate plus V-10204 at 0.16 and 0.23 as well as glyphoste plus Dual Magnum at 0.95 and 1.25 lb provided similar and good to excellent control (88-96%).

Mar-11-08 (C25-07) AOV Means Table Page 3 of 7

University of Georgia

Tropical spiderwort response to V-10204.

Trial ID: C25-07 Study Dir.: Tim Flanders
Location: Berrien County Investigator: Stanley Culpepper

Crop Code	Location: Berrien Count	C y		IIIVCL	reigacoiv	beamey	Curpepper	-			
Rating Data Type Sating Unit Control C	Weed Code			COMBE	COMBE	COMBE	COMBE	COMBE	INJURY	INJURY	INJURY
Rating Unit	Crop Code			cotton	cotton	cotton	cotton	cotton	cotton	cotton	cotton
Rating Date Jun-16-07 Jul-06-07 Jul-29-07 Aug-19-07 Oct-25-07 Jun-16-07 Jul-11-07 Trt-Eval Interval Trt Treatment Rate No. Name Rate Unit 1 2 3 4 5 6 7 8	Rating Data Type			%	%	%	%	%	%	%	%
Trt-Eval Interval	Rating Unit			control	control	control	control	control	injury	injury	injury
Trit Treatment Rate No. Name Rate Unit 1 2 3 4 5 6 7 8	Rating Date			Jun-16-07	Jul-06-07	Jul-29-07	Aug-19-07	Oct-25-07	Jun-16-07	Jul-06-07	Jul-11-07
No. Name Rate Unit 1 2 3 4 5 6 7 8	Trt-Eval Interval			15 DA-A	35 DA-A	23 DA-B	44 DA-B	111 DA-B	15 DA-A	35 DA-A	5 DA-B
No. Name Rate Unit 1 2 3 4 5 6 7 8	Trt Treatment		Rate								
2 V-10204				1	2	3	4	5	6	7	8
2 V-10204	1 None			0 с	0 е	0 d	0 d	0 i	0 d	0 с	0 e
Roundup WeatherMax 22 OZ/A	2 V-10204 (0.053	IBA/A	87 b	65 d	44 c	60 c	11 h	3 cd	8 bc	1 e
3 V-10204				0. 0	00 G				0 00	0 00	. •
Roundup WeatherMax 22 OZ/A	•			93 ah	73 hc	36 c	55 C	19 ah	18 ah	19 h	0 e
4 V-10204 Roundup WeatherMax 0.159 LB A/A 22 OZ/A 95 a 76 bc 40 c 61 c 25 fg 24 a 36 a 0 c 5 V-10204 Roundup WeatherMax 22 OZ/A 94 ab 79 b 44 c 55 c 28 efg 26 a 35 a 0 c 6 Dual Magnum Roundup WeatherMax 22 OZ/A 97 a 79 b 50 c 56 c 36 e 13 bc 18 b 0 c 7 Dual Magnum Roundup WeatherMax 1.25 LB A/A Roundup WeatherMax 94 ab 88 a 50 c 55 c 33 ef 24 a 18 b 0 c 8 Cotoran Roundup WeatherMax 1 LB A/A Roundup WeatherMax 97 a 71 c 51 c 58 c 14 h 12 bc 6 bc 0 c 9 Dual Magnum Cotoran 0.95 LB A/A Roundup WeatherMax 22 OZ/A 96 a 87 a 71 b 72 b 60 d 13 bc 12 bc 0 c 10 Roundup WeatherMax 22 OZ/A V-10204 0.053 LB A/A V-10204 0 c 0 e 96 a 94 a 73 c 0 d 0 c 28 l 12 Roundup Weath				00 45	70 00	00 0	00 0	10 911	10 45	10 0	0 0
Roundup WeatherMax 22 OZ/A 94 ab 79 b 44 c 55 c 28 efg 26 a 35 a 0 c Roundup WeatherMax 22 OZ/A 97 a 79 b 50 c 56 c 36 e 13 bc 18 b 0 c 36 c 36 e				05.3	76 bc	40 c	61 c	25. fa	24.5	36.2	0.0
5 V-10204 0.213 LB A/A Roundup WeatherMax 22 OZ/A 94 ab 79 b 44 c 55 c 28 efg 26 a 35 a 0 c 6 Dual Magnum 0.95 LB A/A Roundup WeatherMax 22 OZ/A 97 a 79 b 50 c 56 c 36 e 13 bc 18 b 0 c 7 Dual Magnum 1.25 LB A/A Roundup WeatherMax 22 OZ/A 94 ab 88 a 50 c 55 c 33 ef 24 a 18 b 0 c 8 Cotoran Roundup WeatherMax 22 OZ/A 97 a 71 c 51 c 58 c 14 h 12 bc 6 bc 0 c 9 Dual Magnum Cotoran 1 LB A/A Roundup WeatherMax 22 OZ/A 96 a 87 a 71 b 72 b 60 d 13 bc 12 bc 0 c 10 Roundup WeatherMax 22 OZ/A 0 c 0 e 96 a 94 a 73 c 0 d 0 c 20 c 11 Roundup WeatherMax 22 OZ/A 0 c 0 e 96 a 94 a 73 c 0 d 0 c 28 l 12 Roundup WeatherMax 22 OZ/				95 a	70 50	40 0	01 0	23 lg	24 a	30 a	0 6
Roundup WeatherMax 22 OZ/A 97 a 79 b 50 c 56 c 36 e 13 bc 18 b 0 c Roundup WeatherMax 22 OZ/A 94 ab 88 a 50 c 55 c 33 ef 24 a 18 b 0 c Roundup WeatherMax 22 OZ/A 97 a 71 c 51 c 58 c 14 h 12 bc 6 bc 0 c Roundup WeatherMax 22 OZ/A 97 a 71 c 51 c 58 c 14 h 12 bc 6 bc 0 c Roundup WeatherMax 22 OZ/A 9 Dual Magnum 0.95 LB A/A 96 a 87 a 71 b 72 b 60 d 13 bc 12 bc 0 c 10	•			0/ ah	70 h	11 c	55 c	28 efa	26 a	35.2	Λ Δ
6 Dual Magnum				3 1 ab	13 0	77 0	33 0	20 Gig	20 a	55 a	0.6
Roundup WeatherMax 22 OZ/A 94 ab 88 a 50 c 55 c 33 ef 24 a 18 b 0 c 20	•			07.0	70 h	50.0	56.0	26.0	12 hc	10 h	0.0
7 Dual Magnum 1.25 LB A/A Roundup WeatherMax 94 ab 88 a 50 c 55 c 33 ef 24 a 18 b 0 d 8 Cotoran Roundup WeatherMax 1 LB A/A Roundup WeatherMax 97 a 71 c 51 c 58 c 14 h 12 bc 6 bc 0 d 9 Dual Magnum Cotoran 1 LB A/A Roundup WeatherMax 22 OZ/A 96 a 87 a 71 b 72 b 60 d 13 bc 12 bc 0 c 10 Roundup WeatherMax 22 OZ/A Roundup WeatherMax 22 OZ/A 0 c 0 e 96 a 94 a 73 c 0 d 0 c 20 c 11 Roundup WeatherMax 22 OZ/A V-10204 0 c 0 e 97 a 97 a 84 b 0 d 0 c 28 l 12 Roundup WeatherMax 22 OZ/A V-10204 0 c 0 e 95 a 98 a 92 ab 3 cd 0 c 28 l V-10204 0.159 LB A/A 0 c 0 e 97 a 99 a 96 a 0 d 0 c 28 l 13 Roundup WeatherMax 22 OZ/A Dual Magnum 0.95 LB				91 a	79 0	50 C	30 C	30 E	13 00	10 0	0 6
Roundup WeatherMax 22 OZ/A 97 a 71 c 51 c 58 c 14 h 12 bc 6 bc 0 c	·			04 ab	00 -	F0 -	<i></i>	22 -4	24.5	40 h	0 -
8 Cotoran 1 LB A/A 97 a 71 c 51 c 58 c 14 h 12 bc 6 bc 0 d 9 Dual Magnum 0.95 LB A/A 96 a 87 a 71 b 72 b 60 d 13 bc 12 bc 0 d 10 Roundup WeatherMax 22 OZ/A 0 c 0 e 96 a 94 a 73 c 0 d 0 c 20 d 11 Roundup WeatherMax 22 OZ/A 0 c 0 e 97 a 97 a 84 b 0 d 0 c 28 l 12 Roundup WeatherMax 22 OZ/A 0 c 0 e 95 a 98 a 92 ab 3 cd 0 c 28 l 13 Roundup WeatherMax 22 OZ/A 0 c 0 e 97 a 99 a 96 a 0 d 0 c 28 l 14 Roundup WeatherMax 22 OZ/A 0 c 0 e 97 a 99 a 96 a 0 d 0 c 38 a 14 Roundup WeatherMax 22 OZ/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 a	<u> </u>			94 ab	88 a	50 C	55 C	33 et	24 a	18 D	υе
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9 Dual Magnum				97 a	/1 C	51 C	58 C	14 h	12 bc	6 bc	0 e
Cotoran 1 LB A/A Roundup WeatherMax 22 OZ/A 0 c 0 e 96 a 94 a 73 c 0 d 0 c 20 d V-10204 0.053 LB A/A 11 Roundup WeatherMax 22 OZ/A 0.106 LB A/A 0 c 0 e 97 a 97 a 84 b 0 d 0 c 28 l V-10204 0.106 LB A/A 12 Roundup WeatherMax 22 OZ/A V-10204 0.159 LB A/A 0 c 0 e 95 a 98 a 92 ab 3 cd 0 c 28 l V-10204 0.159 LB A/A 13 Roundup WeatherMax 22 OZ/A V-10204 0.213 LB A/A 14 Roundup WeatherMax 22 OZ/A Dual Magnum 0.95 LB A/A 15 Roundup WeatherMax 22 OZ/A Dual Magnum 1.25 LB A/A 1.25											_
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10 Roundup WeatherMax 22 OZ/A 0 c 0 e 96 a 94 a 73 c 0 d 0 c 20 d 11 Roundup WeatherMax 22 OZ/A 0 c 0 e 97 a 97 a 84 b 0 d 0 c 28 l 12 Roundup WeatherMax 22 OZ/A 0 c 0 e 95 a 98 a 92 ab 3 cd 0 c 28 l 13 Roundup WeatherMax 22 OZ/A 0 c 0 e 97 a 99 a 96 a 0 d 0 c 38 a 14 Roundup WeatherMax 22 OZ/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 a Dual Magnum 0.95 LB A/A 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 a LSD (P=.05) 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2											
V-10204 0.053 LB A/A 0 c 0 e 97 a 97 a 84 b 0 d 0 c 28 l 11 Roundup WeatherMax 22 OZ/A 0 c 0 e 95 a 98 a 92 ab 3 cd 0 c 28 l 12 Roundup WeatherMax 22 OZ/A 0 c 0 e 95 a 98 a 92 ab 3 cd 0 c 28 l 13 Roundup WeatherMax 22 OZ/A 0 c 0 e 97 a 99 a 96 a 0 d 0 c 38 a 14 Roundup WeatherMax 22 OZ/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 a Dual Magnum 0.95 LB A/A 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 a LSD (P=.05) 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2											
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V-10204 0.106 LB A/A 12 Roundup WeatherMax 22 OZ/A 0 c 0 e 95 a 98 a 92 ab 3 cd 0 c 28 l V-10204 0.159 LB A/A 0 c 0 e 97 a 99 a 96 a 0 d 0 c 38 a V-10204 0.213 LB A/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 a 14 Roundup WeatherMax 22 OZ/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 a 15 Roundup WeatherMax 22 OZ/A 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 a LSD (P=.05) 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2											
12 Roundup WeatherMax 22 OZ/A 0 c 0 e 95 a 98 a 92 ab 3 cd 0 c 28 l 13 Roundup WeatherMax 22 OZ/A 0 c 0 e 97 a 99 a 96 a 0 d 0 c 38 a 14 Roundup WeatherMax 22 OZ/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 a 15 Roundup WeatherMax 22 OZ/A 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 a Dual Magnum 1.25 LB A/A 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 a LSD (P=.05) 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2				0 c	0 e	97 a	97 a	84 b	0 d	0 c	28 b
V-10204 0.159 LB A/A 13 Roundup WeatherMax 22 OZ/A 0 c 0 e 97 a 99 a 96 a 0 d 0 c 38 a V-10204 0.213 LB A/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 a 14 Roundup WeatherMax 22 OZ/A Dual Magnum 0.95 LB A/A 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 a 15 Roundup WeatherMax 22 OZ/A Dual Magnum 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 a LSD (P=.05) 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2		0.106	LB A/A								
13 Roundup WeatherMax 22 OZ/A 0 c 0 e 97 a 99 a 96 a 0 d 0 c 38 a V-10204 0.213 LB A/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 a 14 Roundup WeatherMax 22 OZ/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 a 15 Roundup WeatherMax 22 OZ/A 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 a Dual Magnum 1.25 LB A/A 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2	12 Roundup WeatherMax	22	OZ/A	0 c	0 e	95 a	98 a	92 ab	3 cd	0 c	28 b
V-10204 0.213 LB A/A 14 Roundup WeatherMax 22 OZ/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 d Dual Magnum 0.95 LB A/A 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 d LSD (P=.05) 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2	V-10204	0.159	LB A/A								
V-10204 0.213 LB A/A 14 Roundup WeatherMax 22 OZ/A 0 c 0 e 98 a 97 a 88 ab 0 d 0 c 9 d Dual Magnum 0.95 LB A/A 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 d LSD (P=.05) 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2	13 Roundup WeatherMax	22	OZ/A	0 с	0 e	97 a	99 a	96 a	0 d	0 с	38 a
Dual Magnum 0.95 LB A/A 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 d 15 Roundup WeatherMax 22 OZ/A Dual Magnum 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 d LSD (P=.05) 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2		0.213	LB A/A								
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15 Roundup WeatherMax 22 OZ/A Dual Magnum 0 c 0 e 95 a 98 a 90 ab 0 d 0 c 8 d LSD (P=.05) 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2	-										
Dual Magnum 1.25 LB A/A LSD (P=.05) 6.2 6.0 16.2 8.2 8.7 9.5 14.1 4.2	15 Roundup WeatherMax	22	OZ/A	0 с	0 e	95 a	98 a	90 ab	0 d	0 с	8 d
	LSD (P=.05)			6.2	6.0	16.2	8.2	8.7	9.5	14.1	4.2
	Standard Deviation			4.3	4.2	11.4	5.8	6.1	6.6		2.9
											10.731
											0.097

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

University of Georgia

Wee	ed Code			INJURY
Crop	o Code			cotton
Rati	ng Data Type			%
	ng Unit			injury
	ng Date			Aug-19-07
Trt-E	Eval Interval			44 DA-B
Trt	Treatment		Rate	
No.	Name	Rate	Unit	9
1	None			0 a
2	V-10204	0.053	LB A/A	0 a
	Roundup WeatherMax	22	OZ/A	
3	V-10204	0.106	LB A/A	0 a
	Roundup WeatherMax	22	OZ/A	
4	V-10204	0.159	LB A/A	0 a
	Roundup WeatherMax	22	OZ/A	
5	V-10204	0.213	LB A/A	0 a
	Roundup WeatherMax	22	OZ/A	
6	Dual Magnum	0.95	LB A/A	0 a
	Roundup WeatherMax	22	OZ/A	
7	Dual Magnum	1.25	LB A/A	0 a
	Roundup WeatherMax	22	OZ/A	
8	Cotoran	1	LB A/A	0 a
	Roundup WeatherMax	22	OZ/A	
9	Dual Magnum	0.95	LB A/A	0 a
	Cotoran	1	LB A/A	
	Roundup WeatherMax	22	OZ/A	
10	Roundup WeatherMax	22	OZ/A	0 a
	V-10204	0.053	LB A/A	
11	Roundup WeatherMax	22	OZ/A	0 a
	V-10204	0.106	LB A/A	
12	Roundup WeatherMax	22	OZ/A	0 a
	V-10204	0.159	LB A/A	
13	Roundup WeatherMax	22	OZ/A	0 a
	V-10204		LB A/A	
14	Roundup WeatherMax	22	OZ/A	0 a
	Dual Magnum	0.95	LB A/A	
15	Roundup WeatherMax	22	OZ/A	0 a
	Dual Magnum		LB A/A	
LSD	(P=.05)			0.0
	ndard Deviation			0.0
CV				0.0
	lett's X2			0.0
	artlett's X2)			

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

Mar-11-08 (C25-07) Site Description Page 5 of 7

University of Georgia

Tr	copical spiderwort response to V-10204.	
Trial ID: C25-07	Study Dir.: Tim Flanders	
	Investigator: Stanley Culpepper	
	TRIAL INFORMATION	
Study Director: Tim Flanders	Title: Extension	
Affiliation: Univ. of Georgia		
Postal Code: 31794		
Investigator: Stanley Culpepper	Title: Ext. Weed	Science
Affiliation: Univ. of Georgia		
Postal Code: 31794		
T	RIAL LOCATION	
City: Berrien County		completed
State/Prov.: GA		good
Postal Code:		Jun-01-07
Country: USA	Planned Completion Date:	
=	N-Latitude of LL Corner °:	
	nit: Angle y-axis to North °:	
Directions:		
	ERATOR/LANDOWNER	
Cooperator:		
Org:	Phone No:	
Address 1:	Fax No:	
Address 2:		
City:		
State/Prov:		
Postal Code:		
Conducted Under CLP (V/N). N	Conducted Under GEP (Y/N): N	
	e Description:	
Objective:		
Conclusions:		
	D WEED DESCRIPTION	
Weed Code Common Name	Scientific Name	
1. COMBE Wanderingjew, Bengal C	ommelina benghalensis	
Crop 1: GOSHI COTTON, SHORT STA	_	RR
Planting Date: Jun-01-07		
	: 0.5 in Perennial Age:	
	Within Row: Seed Bed: be	
Soil Temperature: 94 F Soil Mo	cisture: irrigated Emergence Date:	Jun-05-07
CTI	TE AND DESIGN	
	lot Length, Unit: 22 FT Reps:	Δ
	roc bengun, unit: 22 F1 Reps:	I
Site Type: On farm Tillage Type: Conventional	Study Design. DANDOMIZED COMDITERE	DI OCK
TITIAGE TYPE: CONVENCTORIAL	Study Design: RANDOMIZED COMPLETE	DUCK
Trial Initiation Comments:		

Previous Pesticides

Year

MAINTENANCE

Previous Crops

University of Georgia

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

SOIL DESCRIPTION

k Sand:	% OM:	0.	Texture:	currently unknown
% Silt:	pH:	0.	Soil Name:	
k Clave	CEC:		Fert. Level:	

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Туре	Interval	Unit
1.							

Overall	Moisture	Conditions:	irrigated

_____ Distance: ____ Unit: __ Closest Weather Station: __

APPLICATION DESCRIPTION

	A	В
Application Date:	Jun-01-07	Jul-06-07
Time of Day:	9 am	9:00 AM
Application Method:	broadcast	broadcast
Application Timing:	PRE	POST
Applic. Placement:	on soil	overtop
Air Temp., Unit:	84 F	88 F
% Relative Humidity:	61	51
Wind Velocity, Unit:	4 mph	3 mph
Dew Presence (Y/N):	n	N
Water Hardness:		
Soil Temp., Unit:	88 F	90 F
Soil Moisture:	fair	moist
% Cloud Cover:	20	50

CROP STAGE AT EACH APPLICATION

	A	В
Crop 1 Code, Stage:	GOSHI PRE	GOSHI POST
Stage Scale:	0 leaves	6 leaf
Height, Unit:	0 in	10 inch

WEED STAGE AT EACH APPLICATION

	A	В
Weed 1 Code, Stage:	COMBE PRE	COMBE POST
Stage Scale:	none up	4 leaf
Density, Unit:	0 ydsq	3 ydsq

University of Georgia

APPLICATION EQUIPMENT

		TITON DOUTIMEN
	A	В
Appl. Equipment:	backpack	backpack
Operating Pressure:	24	24
Nozzle Type:	flat fan	flat fan
Nozzle Size:	11002	11002
Nozzle Spacing, Unit:	18 in	18 in
Nozzles/Row:	2	2
Band Width, Unit:		
Boom Length, Unit:	4.5 ft	4.5 ft
Boom Height, Unit:	15 in	15 in
Ground Speed, Unit:	3 mph	3 mph
Incorporation Equip.:		
Hours to Incorp.:		
Incorp. Depth, Unit:		
Carrier:	water	water
Spray Volume, Unit:	15 GPA	15 GPA
Spray pH:		
Propellant:	CO2	CO2
Tank Mix (Y/N):		

Trt No	Treatment Application Comment