



Replace Adjuvant Study.

Project Code: 04-51W-N110 Location: Belleville Research Center  
 Investigator: Bryan Young

Weed Code	SETFA	SETFA	AMBTR	AMBTR
Crop Code				
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Date	8-13-04	8-27-04	8-13-04	8-27-04
Trt-Eval Interval	14 DA-A	28 DA-A	14 DA-A	28 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code				
1	NONTREATED									0	0	0	0
2	LIBERTY	1.67	EC	0.417	LB A/A	32	FL OZ/A	POST	A	73	52	98	96
2	AMS	100	DRY		3 LB A/A	3	LB/A	POST	A				
3	LIBERTY	1.67	EC	0.417	LB A/A	32	FL OZ/A	POST	A	70	52	98	95
3	REPLACE	100	LIQ	0.25	% V/V	1	QT/100 GAL	POST	A				
4	LIBERTY	1.67	EC	0.417	LB A/A	32	FL OZ/A	POST	A	65	53	97	95
4	REPLACE	100	LIQ	0.5	% V/V	2	QT/100 GAL	POST	A				
5	LIGHTNING	70	WG	0.056	LB A/A	1.28	OZ/A	POST	A	40	30	42	42
5	NIS	100	LIQ	0.25	% V/V	0.25	% V/V	POST	A				
5	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	POST	A				
6	LIGHTNING	70	WG	0.056	LB A/A	1.28	OZ/A	POST	A	40	30	42	37
6	NIS	100	LIQ	0.25	% V/V	0.25	% V/V	POST	A				
6	REPLACE	100	LIQ	0.25	% V/V	1	QT/100 GAL	POST	A				
7	LIGHTNING	70	WG	0.056	LB A/A	1.28	OZ/A	POST	A	35	28	37	32
7	NIS	100	LIQ	0.25	% V/V	0.25	% V/V	POST	A				
7	REPLACE	100	LIQ	0.5	% V/V	2	QT/100 GAL	POST	A				
8	CALLISTO	4	SC	0.094	LB A/A	3.0	FL OZ/A	POST	A	18	13	35	45
8	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
8	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	POST	A				
9	CALLISTO	4	SC	0.094	LB A/A	3.0	FL OZ/A	POST	A	20	15	35	43
9	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
9	REPLACE	100	LIQ	0.25	% V/V	1	QT/100 GAL	POST	A				
10	CALLISTO	4	SC	0.094	LB A/A	3.0	FL OZ/A	POST	A	22	20	35	42
10	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
10	REPLACE	100	LIQ	0.5	% V/V	2	QT/100 GAL	POST	A				
11	LADDOK S-12	5	L	1.04	LB A/A	1.67	PT/A	POST	A	50	33	70	68
11	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
11	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	POST	A				
12	LADDOK S-12	5	L	1.04	LB A/A	1.67	PT/A	POST	A	50	32	70	73
12	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
12	REPLACE	100	LIQ	0.25	% V/V	1	QT/100 GAL	POST	A				
13	LADDOK S-12	5	L	1.04	LB A/A	1.67	PT/A	POST	A	45	32	67	73
13	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
13	REPLACE	100	LIQ	0.5	% V/V	2	QT/100 GAL	POST	A				
14	BASIS GOLD	90	WG	0.79	LB A/A	14	OZ/A	POST	A	70	65	70	70
14	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
14	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	POST	A				

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code				
15	BASIS GOLD	90	WG	0.79	LB A/A	14	OZ/A	POST	A	70	65	70	72
15	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
15	REPLACE	100	LIQ	0.25	% V/V	1	QT/100 GAL	POST	A				
16	BASIS GOLD	90	WG	0.79	LB A/A	14	OZ/A	POST	A	70	65	70	70
16	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
16	REPLACE	100	LIQ	0.5	% V/V	2	QT/100 GAL	POST	A				
17	RAPTOR	1	AS	0.039	LB A/A	5	FL OZ/A	POST	A	20	10	60	53
17	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
17	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	POST	A				
18	RAPTOR	1	AS	0.039	LB A/A	5	FL OZ/A	POST	A	20	10	60	53
18	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
18	REPLACE	100	LIQ	0.25	% V/V	1	QT/100 GAL	POST	A				
19	RAPTOR	1	AS	0.039	LB A/A	5	FL OZ/A	POST	A	20	12	50	50
19	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
19	REPLACE	100	LIQ	0.5	% V/V	2	QT/100 GAL	POST	A				
20	STEADFAST	75	WG	0.035	LB A/A	0.75	OZ/A	POST	A	40	42	47	32
20	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
20	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	POST	A				
21	STEADFAST	75	WG	0.035	LB A/A	0.75	OZ/A	POST	A	30	35	30	25
21	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
21	REPLACE	100	LIQ	0.25	% V/V	1	QT/100 GAL	POST	A				
22	STEADFAST	75	WG	0.035	LB A/A	0.75	OZ/A	POST	A	30	35	28	25
22	COC	100	LIQ	1.0	% V/V	1	% V/V	POST	A				
22	REPLACE	100	LIQ	0.5	% V/V	2	QT/100 GAL	POST	A				
LSD (P=.05)										4.3	5.0	6.0	4.2
Replicate F										1.058	1.515	1.413	7.086
Replicate Prob(F)										0.3561	0.2317	0.2548	0.0022
Treatment F										205.382	120.275	139.112	300.124
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Trial Comments

1. Protocol: Growmark.
2. Ratings: WC 14 and 28 DAT.
3. DA-A = Days after POST application.