

University of Georgia

LIBERTY AND COBRA TANK-MIXTURES FOR
WEED CONTROL IN SOYBEANS

Trial ID: SB-05-17 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
Spray vol: 15 GAL/AC Mix Size: 1.5 liters (.78211 liters calculated mix size)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
1	NTC							101	202	304	403
2	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.65 ml/mx	102	205	301	411
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C	22.65 ml/mx				
	SELECT MAX	1	SC	6.0 oz/a	POST	C	4.687 ml/mx				
	AMS XTRA	3.4	SL	2.0 % v/v	POST	C	30.0 ml/mx				
	NIS			0.25 % v/v	POST	C	3.75 ml/mx				
3	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.65 ml/mx	103	204	306	405
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C	22.65 ml/mx				
	SELECT MAX	1	SC	6.0 oz/a	POST	C	4.687 ml/mx				
4	FIERCE	76	WG	3.0 oz/a	PRE	A	2.247 g/mx	104	201	307	408
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.65 ml/mx				
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C	22.65 ml/mx				
	SELECT MAX	1	SC	6.0 oz/a	POST	C	4.687 ml/mx				
	AMS XTRA	3.4	SL	2.0 % v/v	POST	C	30.0 ml/mx				
	NIS			0.25 % v/v	POST	C	3.75 ml/mx				
5	FIERCE	76	WG	3.0 oz/a	PRE	A	2.247 g/mx	105	207	308	409
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.65 ml/mx				
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C	22.65 ml/mx				
	SELECT MAX	1	SC	6.0 oz/a	POST	C	4.687 ml/mx				
6	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.65 ml/mx	106	211	303	401
	RESOURCE	0.83	EC	4.0 oz/a	EPOST	B	3.125 ml/mx				
	NIS			0.25 % v/v	EPOST	B	3.75 ml/mx				
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C	22.65 ml/mx				
	SELECT MAX	1	SC	6.0 oz/a	POST	C	4.687 ml/mx				
	AMS XTRA	3.4	SL	2.0 % v/v	POST	C	30.0 ml/mx				
NIS			0.25 % v/v	POST	C	3.75 ml/mx					
7	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.65 ml/mx	107	206	302	412
	RESOURCE	0.83	EC	4.0 oz/a	EPOST	B	3.125 ml/mx				
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C	22.65 ml/mx				
	SELECT MAX	1	SC	6.0 oz/a	POST	C	4.687 ml/mx				
8	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.65 ml/mx	108	209	312	404
	COBRA	2	EC	12.5 oz/a	EPOST	B	9.765 ml/mx				
	NIS			0.25 % v/v	EPOST	B	3.75 ml/mx				
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C	22.65 ml/mx				
	SELECT MAX	1	SC	6.0 oz/a	POST	C	4.687 ml/mx				
	AMS XTRA	3.4	SL	2.0 % v/v	POST	C	30.0 ml/mx				
NIS			0.25 % v/v	POST	C	3.75 ml/mx					
9	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.65 ml/mx	109	212	310	407
	COBRA	2	EC	12.5 oz/a	EPOST	B	9.765 ml/mx				
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C	22.65 ml/mx				
	SELECT MAX	1	SC	6.0 oz/a	POST	C	4.687 ml/mx				
10	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.65 ml/mx	110	203	309	410
	REFLEX	2	SL	16.0 oz/a	EPOST	B	12.5 ml/mx				
	NIS			0.25 % v/v	EPOST	B	3.75 ml/mx				
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C	22.65 ml/mx				
	SELECT MAX	1	SC	6.0 oz/a	POST	C	4.687 ml/mx				
	AMS XTRA	3.4	SL	2.0 % v/v	POST	C	30.0 ml/mx				
NIS			0.25 % v/v	POST	C	3.75 ml/mx					
11	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.65 ml/mx	111	208	311	402
	REFLEX	2	SL	16.0 oz/a	EPOST	B	12.5 ml/mx				
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C	22.65 ml/mx				
SELECT MAX	1	SC	6.0 oz/a	POST	C	4.687 ml/mx					
12	NTC							112	210	305	406

Sort Order: Treatment

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LIBERTY AND COBRA TANK-MIXTURES FOR
WEED CONTROL IN SOYBEANS

Trial ID: SB-05-17 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

Trial Comments

PLOT 208 WAS NOT SPRAYED SO DISCARDED DATA FROM THAT PLOT PLUS 207 AND 209 JUST IN CASE THOSE PLOTS GOT TREATED WITH 208? I.E. PROSTKO ERROR

APPROXIMATELY 14 DAYS OF CLOUDY, WET WEATHER OCCURRED AFTER THE EPOST TREATMENTS WERE APPLIED.

NIS = ADEPT

SUMMARY:

- 1) PRE APPLICATIONS OF FIERCE CAUSED EARLY SEASON SOYBEAN INJURY (STUNTING) BUT PROVIDED EXCELLENT CONTROL(>98%) OF BOTH PALMER AMARANTH AND ANNUAL GRASSES.
- 2) TANK-MIXTURES OF RESOURCE, COBRA, OR REFLEX WITH LIBERTY CAUSED SIGNIFICANT INCREASES IN SOYBEAN LEAF INJURY BUT INCREASED THE CONTROL OF PALMER AMARANTH. GENERALLY, COBRA AND REFLEX WERE MORE BENEFICIAL THAN RESOURCE FOR PALMER AMARANTH CONTROL.
- 3) TANK-MIXTURES OF RESOURCE AND COBRA WITH LIBERTY REDUCED THE CONTROL OF ANNUAL GRASSES COMPARED TO LIBERTY ALONE.
- 4) THE ADDITION OF AMS + NIS WITH LIBERTY + SELECT DID NOT IMPROVE WEED CONTROL COMPARED TO SIMILAR TREATMENTS WITHOUT THESE ADJUVANTS.

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LIBERTY AND COBRA TANK-MIXTURES FOR
WEED CONTROL IN SOYBEANS

Trial ID: SB-05-17 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: HUNT SANDERS **Title:** _____
Affiliation: _____ **Postal Code:** _____

Investigator: Eric P. Prostko **Title:** _____
Affiliation: _____ **Postal Code:** _____

Trial Status: _____ **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____
Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective: _____
Conclusions: _____

CROP AND PEST DESCRIPTION

Weed 1: AMAPA PALMER AMARANTH **2:** AGRASS TX PANICUM/CRAB/CROW/GOOSE
Weed 3: _____ **4:** _____

Crop 1: GLYMA SOYBEAN **Variety:** CS5515LL **Planting Date:** May-9-17
Planting Method: MONOSEM **Rate:** 130680 SEED/A **Depth:** 2 IN
Perennial Age: _____ **Row Spacing:** 30 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4

Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: PONCHO/VOTIVO SEED TRT;

Previous: Crops **Pesticides** **Year**
1. PEANUT 2016 _____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.65 **% Sand:** 92 **% Silt:** 4 **% Clay:** 4
pH: 6.0 **CEC:** 4.1 **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-10-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
2. May-11-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
3. May-15-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
4. May-17-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
5. May-19-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
6. May-21-17	_____	0.11	IN	RAINFALL	_____	_____
7. May-22-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
8. May-31-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
9. Jun-1-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____

Overall Moisture Conditions: _____
Closest Weather Station: _____ **Distance:** _____ **Unit:** _____

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	May-10-17	May-30-17	Jun-15-17	_____	_____	_____
Time of Day:	8:00 AM	7:15 AM	7:15 AM	_____	_____	_____
Application Method:	BROADCAST	BROADCAST	BROADCAST	_____	_____	_____
Application Timing:	PRE	EPOST	POST	_____	_____	_____
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE	_____	_____	_____
Air Temp., Unit:	69 F	74 F	73 F	_____	_____	_____
% Relative Humidity:	70	100	100	_____	_____	_____
Wind Velocity, Unit:	3 MPH	3 MPH	1 MPH	_____	_____	_____
Dew Presence (Y/N):	N	Y	Y	_____	_____	_____
Water Hardness:	---	---	---	_____	_____	_____
Soil Temp., Unit:	70 F	79 F	74 F	_____	_____	_____
Soil Moisture:	OPTIMUM	OPTIMUM	OPTIMUM	_____	_____	_____
% Cloud Cover:	0	100	10	_____	_____	_____

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CROP STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Crop 1	Stage: GLYMA	_____	_____	_____	_____	_____	_____
	Stage Scale:	_____	V3-V4	V6-V7	_____	_____	_____
	Height, Unit:	_____	7 IN	14 IN	_____	_____	_____

WEED STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Weed 1	Stage: AMAPA	2-9"	6-12"	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 2	Stage: AGRASS	2-5"	3-6"	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____

APPLICATION EQUIPMENT							
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK		SAME AS B	_____	_____	_____
Operating Pressure:	36	38			_____	_____	_____
Nozzle Type:	TTI	AIXR			_____	_____	_____
Nozzle Size:	02	11002			_____	_____	_____
Nozzle Spacing, Unit:	20	IN 20	IN		_____	_____	_____
Nozzles/Row:	_____	_____	_____		_____	_____	_____
Band Width, Unit:	_____	_____	_____		_____	_____	_____
Boom Length, Unit:	60	IN 60	IN		_____	_____	_____
Boom Height, Unit:	20	IN 20	IN		_____	_____	_____
Ground Speed, Unit:	3.0	MPH 3.5	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
_____	_____

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LIBERTY AND COBRA TANK-MIXTURES FOR WEED CONTROL IN SOYBEANS Trial ID: SB-05-17 Study Dir.: HUNT SANDERS Location: PONDER FARM Investigator: Eric P. Prostko														
Weed Code														
Crop Code														
Part Rated														
Rating Data Type														
Rating Unit														
Rating Date														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	1	2	3	4	5	6	7
1	NTC							0.0 c	0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	0.0 a
2	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B		0.0 c	0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	2.5 a
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C								
	SELECT MAX	1 SC		6.0 oz/a		POST C								
	AMS XTRA	3.4 SL		2.0 % v/v		POST C								
	NIS			0.25 % v/v		POST C								
3	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B		0.0 c	0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	5.0 a
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C								
	SELECT MAX	1 SC		6.0 oz/a		POST C								
4	FIERCE	76 WG		3.0 oz/a		PRE A		6.3 b	100.0 a	100.0 a	3.8 b	100.0 a	98.8 b	0.0 a
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B								
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C								
	SELECT MAX	1 SC		6.0 oz/a		POST C								
	AMS XTRA	3.4 SL		2.0 % v/v		POST C								
	NIS			0.25 % v/v		POST C								
5	FIERCE	76 WG		3.0 oz/a		PRE A		10.0 a	100.0 a	100.0 a	5.0 a	100.0 a	100.0 a	0.0 a
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B								
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C								
	SELECT MAX	1 SC		6.0 oz/a		POST C								
6	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B		0.0 c	0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	0.0 a
	RESOURCE	0.83 EC		4.0 oz/a		EPOST B								
	NIS			0.25 % v/v		EPOST B								
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C								
	SELECT MAX	1 SC		6.0 oz/a		POST C								
	AMS XTRA	3.4 SL		2.0 % v/v		POST C								
	NIS			0.25 % v/v		POST C								
7	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B		0.0 c	0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	0.0 a
	RESOURCE	0.83 EC		4.0 oz/a		EPOST B								
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C								
	SELECT MAX	1 SC		6.0 oz/a		POST C								
8	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B		0.0 c	0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	3.3 a
	COBRA	2 EC		12.5 oz/a		EPOST B								
	NIS			0.25 % v/v		EPOST B								
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C								
	SELECT MAX	1 SC		6.0 oz/a		POST C								
	AMS XTRA	3.4 SL		2.0 % v/v		POST C								
	NIS			0.25 % v/v		POST C								
9	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B		0.0 c	0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	2.5 a
	COBRA	2 EC		12.5 oz/a		EPOST B								
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C								
	SELECT MAX	1 SC		6.0 oz/a		POST C								
10	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B		0.0 c	0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	5.0 a
	REFLEX	2 SL		16.0 oz/a		EPOST B								
	NIS			0.25 % v/v		EPOST B								
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C								
	SELECT MAX	1 SC		6.0 oz/a		POST C								
	AMS XTRA	3.4 SL		2.0 % v/v		POST C								
	NIS			0.25 % v/v		POST C								
11	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B		0.0 c	0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	3.3 a
	REFLEX	2 SL		16.0 oz/a		EPOST B								
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C								
	SELECT MAX	1 SC		6.0 oz/a		POST C								

Means followed by same letter or symbol do not significantly differ (P=.10, Duncan's New MRT)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13
 Could not calculate LSD (% mean diff) for columns 2,3,5 because error mean square = 0.

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Weed Code	-----	AMAPA	AGRASS	-----	AMAPA	AGRASS	-----
Crop Code	GLYMA	-----	-----	GLYMA	-----	-----	GLYMA
Part Rated	CROP -			CROP -			CROP -
Rating Data Type	STUNT	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	STUNT
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	May-18-17	May-18-17	May-18-17	May-30-17	May-30-17	May-30-17	Jun-8-17
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code
12	NTC	0.0	c	0.0	b	0.0	b
LSD	P=.10	1.74		.		0.91	
Standard Deviation		1.45		0.00		0.76	
CV		107.03		0.0		103.81	
Grand Mean		1.35		16.67		16.67	
Bartlett's X2		0.0		0.0		0.0	
P(Bartlett's X2)		.		.		.	
Replicate F		0.909		0.000		0.909	
Replicate Prob(F)		0.4483		1.0000		1.0000	
Treatment F		20.263		0.000		20.744	
Treatment Prob(F)		0.0001		1.0000		1.0000	

Means followed by same letter or symbol do not significantly differ (P=.10, Duncan's New MRT)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13
 Could not calculate LSD (% mean diff) for columns 2,3,5 because error mean square = 0.

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						----- GLYMA LEAF - BURN PERCENT Jun-8-17	AMAPA ----- CONTROL PERCENT Jun-8-17	AGRASS ----- CONTROL PERCENT Jun-8-17	AMAPA ----- CONTROL PERCENT Jun-27-17	AGRASS ----- CONTROL PERCENT Jun-27-17	AMAPA ----- CONTROL PERCENT Jul-21-17	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit Stg	Appl Code	8	9	10	11	12	13
1	NTC						0.0 d	0.0 g	0.0 f	0.0 f	0.0 c	0.0 f
2	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	0.0 d	50.0 ef	96.3 ab	50.0 e	96.3 a	27.5 e
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C						
	SELECT MAX	1	SC	6.0 oz/a	POST	C						
	AMS XTRA	3.4	SL	2.0 % v/v	POST	C						
	NIS			0.25 % v/v	POST	C						
3	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	0.0 d	45.0 f	92.5 abc	51.3 de	96.3 a	38.8 de
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C						
	SELECT MAX	1	SC	6.0 oz/a	POST	C						
4	FIERCE	76	WG	3.0 oz/a	PRE	A	0.0 d	100.0 a	100.0 a	100.0 a	97.5 a	99.0 a
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B						
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C						
	SELECT MAX	1	SC	6.0 oz/a	POST	C						
	AMS XTRA	3.4	SL	2.0 % v/v	POST	C						
	NIS			0.25 % v/v	POST	C						
5	FIERCE	76	WG	3.0 oz/a	PRE	A	0.0 d	100.0 a	100.0 a	100.0 a	96.7 a	99.0 a
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B						
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C						
	SELECT MAX	1	SC	6.0 oz/a	POST	C						
6	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	20.0 c	67.5 cd	83.8 cd	65.0 cd	93.8 ab	48.8 d
	RESOURCE	0.83	EC	4.0 oz/a	EPOST	B						
	NIS			0.25 % v/v	EPOST	B						
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C						
	SELECT MAX	1	SC	6.0 oz/a	POST	C						
	AMS XTRA	3.4	SL	2.0 % v/v	POST	C						
	NIS			0.25 % v/v	POST	C						
7	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	20.0 c	61.3 de	77.5 de	57.5 de	90.0 b	46.3 d
	RESOURCE	0.83	EC	4.0 oz/a	EPOST	B						
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C						
	SELECT MAX	1	SC	6.0 oz/a	POST	C						
8	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	28.3 a	80.0 bc	71.7 e	78.3 bc	91.7 b	76.3 bc
	COBRA	2	EC	12.5 oz/a	EPOST	B						
	NIS			0.25 % v/v	EPOST	B						
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C						
	SELECT MAX	1	SC	6.0 oz/a	POST	C						
	AMS XTRA	3.4	SL	2.0 % v/v	POST	C						
	NIS			0.25 % v/v	POST	C						
9	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	22.5 b	78.8 bc	75.0 de	82.5 b	90.0 b	78.5 bc
	COBRA	2	EC	12.5 oz/a	EPOST	B						
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C						
	SELECT MAX	1	SC	6.0 oz/a	POST	C						
10	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	21.3 bc	91.3 ab	87.5 bc	88.8 ab	96.3 a	89.8 ab
	REFLEX	2	SL	16.0 oz/a	EPOST	B						
	NIS			0.25 % v/v	EPOST	B						
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C						
	SELECT MAX	1	SC	6.0 oz/a	POST	C						
	AMS XTRA	3.4	SL	2.0 % v/v	POST	C						
	NIS			0.25 % v/v	POST	C						
11	LIBERTY 280 SL	2.34	SL	29.0 oz/a	EPOST	B	20.0 c	78.3 bc	96.7 ab	75.0 bc	96.7 a	69.7 c
	REFLEX	2	SL	16.0 oz/a	EPOST	B						
	LIBERTY 280 SL	2.34	SL	29.0 oz/a	POST	C						
	SELECT MAX	1	SC	6.0 oz/a	POST	C						

Means followed by same letter or symbol do not significantly differ (P=.10, Duncan's New MRT)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13
 Could not calculate LSD (% mean diff) for columns 2,3,5 because error mean square = 0.

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Weed Code	-----	AMAPA	AGRASS	AMAPA	AGRASS	AMAPA	
Crop Code	GLYMA	-----	-----	-----	-----	-----	
Part Rated	LEAF -						
Rating Data Type	BURN	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date	Jun-8-17	Jun-8-17	Jun-8-17	Jun-27-17	Jun-27-17	Jul-21-17	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code
	12 NTC	0.0	d	0.0	g	0.0	f
	LSD P=.10	2.20		13.42		9.41	13.41
	Standard Deviation	1.83		11.19		7.84	11.17
	CV	16.63		17.85		10.68	17.92
	Grand Mean	11.01		62.67		73.40	62.36
	Bartlett's X2	1.559		7.772		10.571	6.011
	P(Bartlett's X2)	0.459		0.255		0.158	0.422
	Replicate F	0.984		3.582		0.817	3.092
	Replicate Prob(F)	0.4133		0.0252		0.4948	0.0418
	Treatment F	163.522		37.091		82.458	36.214
	Treatment Prob(F)	0.0001		0.0001		0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, Duncan's New MRT)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13
 Could not calculate LSD (% mean diff) for columns 2,3,5 because error mean square = 0.

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LIBERTY AND COBRA TANK-MIXTURES FOR
WEED CONTROL IN SOYBEANS
Trial ID: SB-05-17 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
Part Rated
LEAF = LEAF / FOLIAGE

University of Georgia

LIBERTY AND COBRA TANK-MIXTURES FOR WEED CONTROL IN SOYBEANS												
Trial ID: SB-05-17 Study Dir.: HUNT SANDERS												
Location: PONDER FARM Investigator: Eric P. Prostko												
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date		----- GLYMA CROP - STUNT PERCENT May-18-17	AMAPA ----- CONTROL PERCENT May-18-17	AGRASS ----- CONTROL PERCENT May-18-17	GLYMA CROP - INJURY PERCENT May-30-17	AMAPA ----- CONTROL PERCENT May-30-17	AGRASS ----- CONTROL PERCENT May-30-17
Trt	Treatment	Form	Form	Rate	Grow	Appl	1	2	3	4	5	6
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot				
1	NTC						101		0.0	0.0	0.0	0.0
							202		0.0	0.0	0.0	0.0
							304		0.0	0.0	0.0	0.0
							403		0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0
2	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST B	102		0.0	0.0	0.0	0.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST C	205		0.0	0.0	0.0	0.0
	SELECT MAX	1	SC	6.0	oz/a	POST C	301		0.0	0.0	0.0	0.0
	AMS XTRA	3.4	SL	2.0	% v/v	POST C	411		0.0	0.0	0.0	0.0
	NIS			0.25	% v/v	POST C						
							Mean =		0.0	0.0	0.0	0.0
3	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST B	103		0.0	0.0	0.0	0.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST C	204		0.0	0.0	0.0	0.0
	SELECT MAX	1	SC	6.0	oz/a	POST C	306		0.0	0.0	0.0	0.0
							405		0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0
4	FIERCE	76	WG	3.0	oz/a	PRE A	104		0.0	100.0	100.0	0.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST B	201		5.0	100.0	100.0	5.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST C	307		10.0	100.0	100.0	5.0
	SELECT MAX	1	SC	6.0	oz/a	POST C	408		10.0	100.0	100.0	5.0
	AMS XTRA	3.4	SL	2.0	% v/v	POST C						
	NIS			0.25	% v/v	POST C						
							Mean =		6.3	100.0	100.0	3.8
5	FIERCE	76	WG	3.0	oz/a	PRE A	105		10.0	100.0	100.0	5.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST B	207		.	.	.	.
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST C	308		10.0	100.0	100.0	5.0
	SELECT MAX	1	SC	6.0	oz/a	POST C	409		10.0	100.0	100.0	5.0
							Mean =		10.0	100.0	100.0	5.0
6	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST B	106		0.0	0.0	0.0	0.0
	RESOURCE	0.83	EC	4.0	oz/a	EPOST B	211		0.0	0.0	0.0	0.0
	NIS			0.25	% v/v	EPOST B	303		0.0	0.0	0.0	0.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST C	401		0.0	0.0	0.0	0.0
	SELECT MAX	1	SC	6.0	oz/a	POST C						
	AMS XTRA	3.4	SL	2.0	% v/v	POST C						
	NIS			0.25	% v/v	POST C						
							Mean =		0.0	0.0	0.0	0.0
7	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST B	107		0.0	0.0	0.0	0.0
	RESOURCE	0.83	EC	4.0	oz/a	EPOST B	206		0.0	0.0	0.0	0.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST C	302		0.0	0.0	0.0	0.0
	SELECT MAX	1	SC	6.0	oz/a	POST C	412		0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0
8	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST B	108		0.0	0.0	0.0	0.0
	COBRA	2	EC	12.5	oz/a	EPOST B	209		.	.	.	.
	NIS			0.25	% v/v	EPOST B	312		0.0	0.0	0.0	0.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST C	404		0.0	0.0	0.0	0.0
	SELECT MAX	1	SC	6.0	oz/a	POST C						
	AMS XTRA	3.4	SL	2.0	% v/v	POST C						
	NIS			0.25	% v/v	POST C						
							Mean =		0.0	0.0	0.0	0.0
9	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST B	109		0.0	0.0	0.0	0.0
	COBRA	2	EC	12.5	oz/a	EPOST B	212		0.0	0.0	0.0	0.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST C	310		0.0	0.0	0.0	0.0
	SELECT MAX	1	SC	6.0	oz/a	POST C	407		0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0

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Weed Code							-----	AMAPA	AGRASS	-----	AMAPA	AGRASS		
Crop Code							GLYMA	-----	-----	GLYMA	-----	-----		
Part Rated							CROP -			CROP -				
Rating Data Type							STUNT	CONTROL	CONTROL	INJURY	CONTROL	CONTROL		
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT		
Rating Date							May-18-17	May-18-17	May-18-17	May-30-17	May-30-17	May-30-17		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
10	LIBERTY 280	2.34	SL	29.0	oz/a	EPOST	B	110	0.0	0.0	0.0	0.0	0.0	0.0
	REFLEX	2	SL	16.0	oz/a	EPOST	B	203	0.0	0.0	0.0	0.0	0.0	0.0
	NIS			0.25	% v/v	EPOST	B	309	0.0	0.0	0.0	0.0	0.0	0.0
	LIBERTY 280	2.34	SL	29.0	oz/a	POST	C	410	0.0	0.0	0.0	0.0	0.0	0.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C							
	AMS XTRA	3.4	SL	2.0	% v/v	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0
11	LIBERTY 280	2.34	SL	29.0	oz/a	EPOST	B	111	0.0	0.0	0.0	0.0	0.0	0.0
	REFLEX	2	SL	16.0	oz/a	EPOST	B	208	.	.	.	.	.	.
	LIBERTY 280	2.34	SL	29.0	oz/a	POST	C	311	0.0	0.0	0.0	0.0	0.0	0.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C	402	0.0	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0
12	NTC							112	0.0	0.0	0.0	0.0	0.0	0.0
								210	0.0	0.0	0.0	0.0	0.0	0.0
								305	0.0	0.0	0.0	0.0	0.0	0.0
								406	0.0	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0

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Weed Code						----	----	AMAPA	AGRASS	AMAPA	AGRASS			
Crop Code						GLYMA	GLYMA	----	----	----	----			
Part Rated						CROP -	LEAF -							
Rating Data Type						STUNT	BURN	CONTROL	CONTROL	CONTROL	CONTROL			
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT			
Rating Date						Jun-8-17	Jun-8-17	Jun-8-17	Jun-8-17	Jun-27-17	Jun-27-17			
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	7	8	9	10	11	12
1	NTC							101	0.0	0.0	0.0	0.0	0.0	0.0
								202	0.0	0.0	0.0	0.0	0.0	0.0
								304	0.0	0.0	0.0	0.0	0.0	0.0
								403	0.0	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0
2	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST	B	102	10.0	0.0	50.0	95.0	50.0	100.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST	C	205	0.0	0.0	50.0	95.0	50.0	95.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C	301	0.0	0.0	50.0	100.0	50.0	95.0
	AMS XTRA	3.4	SL	2.0	% v/v	POST	C	411	0.0	0.0	50.0	95.0	50.0	95.0
	NIS			0.25	% v/v	POST	C							
								Mean =	2.5	0.0	50.0	96.3	50.0	96.3
3	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST	B	103	10.0	0.0	50.0	85.0	50.0	95.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST	C	204	10.0	0.0	50.0	95.0	65.0	100.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C	306	0.0	0.0	30.0	95.0	40.0	95.0
								405	0.0	0.0	50.0	95.0	50.0	95.0
								Mean =	5.0	0.0	45.0	92.5	51.3	96.3
4	FIERCE	76	WG	3.0	oz/a	PRE	A	104	0.0	0.0	100.0	100.0	100.0	100.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST	B	201	0.0	0.0	100.0	100.0	100.0	100.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST	C	307	0.0	0.0	100.0	100.0	100.0	95.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C	408	0.0	0.0	100.0	100.0	100.0	95.0
	AMS XTRA	3.4	SL	2.0	% v/v	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	0.0	0.0	100.0	100.0	100.0	97.5
5	FIERCE	76	WG	3.0	oz/a	PRE	A	105	0.0	0.0	100.0	100.0	100.0	100.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST	B	207	.	.	.	.	.	.
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST	C	308	0.0	0.0	100.0	100.0	100.0	95.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C	409	0.0	0.0	100.0	100.0	100.0	95.0
								Mean =	0.0	0.0	100.0	100.0	100.0	96.7
6	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST	B	106	0.0	20.0	65.0	65.0	60.0	90.0
	RESOURCE	0.83	EC	4.0	oz/a	EPOST	B	211	0.0	20.0	75.0	95.0	75.0	95.0
	NIS			0.25	% v/v	EPOST	B	303	0.0	20.0	65.0	90.0	60.0	95.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST	C	401	0.0	20.0	65.0	85.0	65.0	95.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C							
	AMS XTRA	3.4	SL	2.0	% v/v	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	0.0	20.0	67.5	83.8	65.0	93.8
7	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST	B	107	0.0	20.0	90.0	75.0	80.0	85.0
	RESOURCE	0.83	EC	4.0	oz/a	EPOST	B	206	0.0	20.0	50.0	65.0	50.0	95.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST	C	302	0.0	20.0	65.0	85.0	60.0	85.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C	412	0.0	20.0	40.0	85.0	40.0	95.0
								Mean =	0.0	20.0	61.3	77.5	57.5	90.0
8	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST	B	108	10.0	25.0	100.0	65.0	100.0	90.0
	COBRA	2	EC	12.5	oz/a	EPOST	B	209	.	.	.	.	.	.
	NIS			0.25	% v/v	EPOST	B	312	0.0	30.0	60.0	65.0	50.0	90.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST	C	404	0.0	30.0	80.0	85.0	85.0	95.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C							
	AMS XTRA	3.4	SL	2.0	% v/v	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	3.3	28.3	80.0	71.7	78.3	91.7
9	LIBERTY 280 SL	2.34	SL	29.0	oz/a	EPOST	B	109	0.0	20.0	100.0	85.0	100.0	85.0
	COBRA	2	EC	12.5	oz/a	EPOST	B	212	0.0	20.0	65.0	65.0	65.0	85.0
	LIBERTY 280 SL	2.34	SL	29.0	oz/a	POST	C	310	0.0	20.0	85.0	85.0	85.0	95.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C	407	10.0	30.0	65.0	65.0	80.0	95.0
								Mean =	2.5	22.5	78.8	75.0	82.5	90.0

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Weed Code							-----	-----	AMAPA	AGRASS	AMAPA	AGRASS		
Crop Code							GLYMA	GLYMA	-----	-----	-----	-----		
Part Rated							CROP -	LEAF -						
Rating Data Type							STUNT	BURN	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT		
Rating Date							Jun-8-17	Jun-8-17	Jun-8-17	Jun-8-17	Jun-27-17	Jun-27-17		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	7	8	9	10	11	12
10	LIBERTY 280	2.34	SL	29.0	oz/a	EPOST	B	110	10.0	20.0	100.0	80.0	100.0	95.0
	REFLEX	2	SL	16.0	oz/a	EPOST	B	203	10.0	25.0	100.0	100.0	95.0	100.0
	NIS			0.25	% v/v	EPOST	B	309	0.0	20.0	80.0	95.0	85.0	95.0
	LIBERTY 280	2.34	SL	29.0	oz/a	POST	C	410	0.0	20.0	85.0	75.0	75.0	95.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C							
	AMS XTRA	3.4	SL	2.0	% v/v	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	5.0	21.3	91.3	87.5	88.8	96.3
11	LIBERTY 280	2.34	SL	29.0	oz/a	EPOST	B	111	0.0	20.0	100.0	100.0	100.0	100.0
	REFLEX	2	SL	16.0	oz/a	EPOST	B	208	.	.	.	.	.	.
	LIBERTY 280	2.34	SL	29.0	oz/a	POST	C	311	0.0	20.0	50.0	95.0	50.0	95.0
	SELECT MAX	1	SC	6.0	oz/a	POST	C	402	10.0	20.0	85.0	95.0	75.0	95.0
								Mean =	3.3	20.0	78.3	96.7	75.0	96.7
12	NTC							112	0.0	0.0	0.0	0.0	0.0	0.0
								210	0.0	0.0	0.0	0.0	0.0	0.0
								305	0.0	0.0	0.0	0.0	0.0	0.0
								406	0.0	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0

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Weed Code							AMAPA	
Crop Code							-----	
Part Rated								
Rating Data Type							CONTROL	
Rating Unit							PERCENT	
Rating Date							Jul-21-17	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code Plot	
							13	
1	NTC						101 202 304 403 Mean =	0.0 0.0 0.0 0.0 0.0
2	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B	102	30.0
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C	205	30.0
	SELECT MAX	1 SC		6.0 oz/a		POST C	301	20.0
	AMS XTRA	3.4 SL		2.0 % v/v		POST C	411	30.0
	NIS			0.25 % v/v		POST C		
							Mean =	27.5
3	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B	103	30.0
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C	204	55.0
	SELECT MAX	1 SC		6.0 oz/a		POST C	306	30.0
							405	40.0
							Mean =	38.8
4	FIERCE	76 WG		3.0 oz/a		PRE A	104	99.0
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B	201	99.0
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C	307	99.0
	SELECT MAX	1 SC		6.0 oz/a		POST C	408	99.0
	AMS XTRA	3.4 SL		2.0 % v/v		POST C		
	NIS			0.25 % v/v		POST C		
							Mean =	99.0
5	FIERCE	76 WG		3.0 oz/a		PRE A	105	99.0
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B	207	.
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C	308	99.0
	SELECT MAX	1 SC		6.0 oz/a		POST C	409	99.0
							Mean =	99.0
6	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B	106	55.0
	RESOURCE	0.83 EC		4.0 oz/a		EPOST B	211	50.0
	NIS			0.25 % v/v		EPOST B	303	40.0
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C	401	50.0
	SELECT MAX	1 SC		6.0 oz/a		POST C		
	AMS XTRA	3.4 SL		2.0 % v/v		POST C		
	NIS			0.25 % v/v		POST C		
							Mean =	48.8
7	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B	107	65.0
	RESOURCE	0.83 EC		4.0 oz/a		EPOST B	206	50.0
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C	302	40.0
	SELECT MAX	1 SC		6.0 oz/a		POST C	412	30.0
							Mean =	46.3
8	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B	108	99.0
	COBRA	2 EC		12.5 oz/a		EPOST B	209	.
	NIS			0.25 % v/v		EPOST B	312	40.0
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C	404	90.0
	SELECT MAX	1 SC		6.0 oz/a		POST C		
	AMS XTRA	3.4 SL		2.0 % v/v		POST C		
	NIS			0.25 % v/v		POST C		
							Mean =	76.3
9	LIBERTY 280 SL	2.34 SL		29.0 oz/a		EPOST B	109	99.0
	COBRA	2 EC		12.5 oz/a		EPOST B	212	75.0
	LIBERTY 280 SL	2.34 SL		29.0 oz/a		POST C	310	80.0
	SELECT MAX	1 SC		6.0 oz/a		POST C	407	60.0
							Mean =	78.5

University of Georgia

LIBERTY AND COBRA TANK-MIXTURES FOR
WEED CONTROL IN SOYBEANS
Trial ID: SB-05-17 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
Part Rated
LEAF = LEAF / FOLIAGE