

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO

Trial ID: SB-01-25 Study Dir.: G. ARMEL/J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 4 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC							-	101	203	312	414
2	LIBERTY ULTRA	1.76	SL	24.0 oz/a	POST A		18.75 mL/mx	1481.3 mL	102	205	304	412
3	ZALO INDUCE	2.52	SL	32.0 oz/a 0.25 % v/v	POST A POST A		25.0 mL/mx 3.75 mL/mx	1471.3 mL	103	213	305	403
4	LIBERTY ULTRA DUAL MAGNUM	1.76 7.62	SL EC	24.0 oz/a 16.0 oz/a	POST A POST A		18.75 mL/mx 12.5 mL/mx	1468.8 mL	104	202	313	411
5	LIBERTY ULTRA OUTLOOK	1.76 6	SL EC	24.0 oz/a 16.0 oz/a	POST A POST A		18.75 mL/mx 12.5 mL/mx	1468.8 mL	105	207	306	405
6	LIBERTY ULTRA WARRANT	1.76 3	SL ME	24.0 oz/a 48.0 oz/a	POST A POST A		18.75 mL/mx 37.5 mL/mx	1443.8 mL	106	201	311	413
7	LIBERTY ULTRA ZIDUA	1.76 4.17	SL SC	24.0 oz/a 2.5 oz/a	POST A POST A		18.75 mL/mx 1.953 mL/mx	1479.3 mL	107	208	307	404
8	ZALO DUAL MAGNUM INDUCE	2.52 7.62	SL EC	32.0 oz/a 16.0 oz/a 0.25 % v/v	POST A POST A POST A		25.0 mL/mx 12.5 mL/mx 3.75 mL/mx	1458.8 mL	108	211	302	407
9	ZALO OUTLOOK INDUCE	2.52 6	SL EC	32.0 oz/a 16.0 oz/a 0.25 % v/v	POST A POST A POST A		25.0 mL/mx 12.5 mL/mx 3.75 mL/mx	1458.8 mL	109	214	301	410
10	ZALO WARRANT INDUCE	2.52 3	SL ME	32.0 oz/a 48.0 oz/a 0.25 % v/v	POST A POST A POST A		25.0 mL/mx 37.5 mL/mx 3.75 mL/mx	1433.8 mL	110	209	314	401
11	ZALO ZIDUA INDUCE	2.52 4.17	SL SC	32.0 oz/a 2.5 oz/a 0.25 % v/v	POST A POST A POST A		25.0 mL/mx 1.953 mL/mx 3.75 mL/mx	1469.3 mL	111	206	309	406
12	LIBERTY ULTRA ANTHEM MAXX	1.76 4.3	SL SC	24.0 oz/a 2.5 oz/a	POST A POST A		18.75 mL/mx 1.953 mL/mx	1479.3 mL	112	210	308	409
13	ZALO ANTHEM MAXX INDUCE	2.52 4.3	SL SC	32.0 oz/a 2.5 oz/a 0.25 % v/v	POST A POST A POST A		25.0 mL/mx 1.953 mL/mx 3.75 mL/mx	1469.3 mL	113	212	303	408
14	ZALO REFLEX INDUCE	2.52 2	SL SL	32.0 oz/a 24.0 oz/a 0.25 % v/v	POST A POST A POST A		25.0 mL/mx 18.75 mL/mx 3.75 mL/mx	1452.5 mL	114	204	310	402

Sort Order: Treatment

Trial Comments

ZALO = GLUFOSINATE (2.29 LBS/GAL) + QUIZALIFOP (0.23 LBS/GAL)

ANTHEM MAXX = PYROXASULFONE (4.174 LBS/GAL) + FLUTHIACET (0.126 LBS/GAL)

SUNRISE ON MAY 20: 6:34 AM

GPS LOCATION:

31 30' 29" N

83 39' 30" W

SUMMARY:

1) SOYBEAN INJURY WAS INCREASED WHEN GROUP 15 HERBICIDES OR REFLEX WERE TANK-MIXED WITH LIBERTY ULTRA OR ZALO.

2) PALMER AMARANTH CONTROL WITH LIBERTY ULTRA OR ZALO WAS SIGNIFICANTLY IMPROVED WHEN TANK-MIXED WITH GROUP 15 HERBICIDES OR REFLEX.

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO

Trial ID: SB-01-25 Study Dir.: G. ARMEL/J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

3) LIBERTY ULTRA AND ZALO WHERE NOT EFFECTIVE ON WILD RADISH. HOWEVER, WHEN TANK-MIXED WITH REFLEX, ZIDUA OR ANTHEM MAXX RADISH CONTROL IMPROVED TO AT LEAST 81%.

4) ANNUAL GRASS CONTROL WITH LIBERTY ULTRA OR ZALO WAS EXCELLENT (99%) AND WAS NOT IMPROVED WITH TANK-MIXES OF GROUP 15 HERBICIDES OR RELFEX.

Study Director: ZACH TAYLOR

Title: _____

Affiliation: _____

Postal Code: _____

Investigator: Eric P. Prostko

Title: _____

Affiliation: _____

Postal Code: _____

TRIAL LOCATION

City: _____

State/Prov.: _____

Postal Code: _____

Country: _____

E-Longitude of LL Corner °: _____

Altitude of LL Corner: _____ Unit: _____

Directions: _____

Trial Status: E

Trial Reliability: _____

Initiation Date: _____

Planned Completion Date: _____

N-Latitude of LL Corner °: _____

Angle y-axis to North °: _____

COOPERATOR/LANDOWNER

Cooperator: _____

Org: _____

Address 1: _____

Address 2: _____

City: _____

State/Prov: _____

Postal Code: _____

Country: _____

Phone No: _____

Fax No: _____

Conducted Under GLP (Y/N): N

Conducted Under GEP (Y/N): N

Guidelines: _____ Guideline Description: _____

Objective: _____

Conclusions: _____

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	AGRASS	TX	APN/CRB/GOOSE/CROW
2.	AMAPA	PA	LMER AMARANTH
3.	RAPRA	WI	LD RADISH
4.	CYPES	NU	TSEDGE SP.
5.	MOLVE	CA	RPETWEED

Crop 1: GLYMA SOYBEAN

Planting Date: May-6-25

Planting Method: MONOSEM

Variety: AG66XF2

Rate: 126718 S/A

Depth: 1.5 IN

Perennial Age: _____

Row Spacing: 36 IN

Spacing Within Row: _____

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: RACOB

Trial Initiation Comments: _____

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO

Trial ID: SB-01-25

Study Dir.: G. ARMEL/J. SMITH

Location: PONDER FARM

Investigator: Eric P. Prostko

	Previous Crops	Previous Pesticides	Year
1.	PEANUT		2024

MAINTENANCE

Field Prep./Maintenance: 750 LBS/A 5-15-30 - PREPLANT
36"-9" TWIN ROWS
RANCONA VPD SEED TRT
THIMET 20G INFR @ 7.5 LBS/A

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

% Sand: 94 % OM: 2.5 Texture: SAND
% Silt: 4 pH: 6.0 Soil Name: TIFTON
% Clay: 2 CEC: 0.61 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-6-25		0.50	IN	SPRINKLER - LATERAL MOVE		
2.	May-9-25		0.47	IN	RAINFALL		
3.	May-10-25		011	IN	RAINFALL		
4.	May-11-25		0.42	IN	RAINFALL		
5.	May-19-25		0.40	IN	SPRINKLER - LATERAL MOVE		
6.	May-21-25		0.30	IN	RAINFALL		
7.	May-26-25		0.50	IN	SPRINKLER - LATERAL MOVE		
8.	May-29-25		0.70	IN	RAINFALL		
9.	Jun-3-25		0.50	IN	SPRINKLER - LATERAL MOVE		

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

APPLICATION DESCRIPTION

	A
Application Date:	May-20-25
Time of Day:	7:00 AM
Application Method:	BROADCAST
Application Timing:	POST
Applic. Placement:	FOLIAGE
Air Temp., Unit:	70 F
% Relative Humidity:	99
Wind Velocity, Unit:	0 MPH
Dew Presence (Y/N):	Y
Water Hardness:	--
Soil Temp., Unit:	76 F
Soil Moisture:	OPTIMUM
% Cloud Cover:	100

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO

Trial ID: SB-01-25 Study Dir.: G. ARMEL/J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	GLYMA,
Stage Scale:	V1
Height, Unit:	5, IN

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	AGRAS,
Stage Scale:	
Density, Unit:	1-2"
Weed 2 Code, Stage:	AMAPA,
Stage Scale:	
Density, Unit:	1-4"
Weed 3 Code, Stage:	RAPRA,
Stage Scale:	
Density, Unit:	1-3"
Weed 4 Code, Stage:	CYPES,
Stage Scale:	
Density, Unit:	4-6"
Weed 5 Code, Stage:	MOLVE,
Stage Scale:	
Density, Unit:	0.3"

APPLICATION EQUIPMENT

	A
Appl. Equipment:	BACKPACK
Operating Pressure:	38
Nozzle Type:	AIXR
Nozzle Size:	11002
Nozzle Spacing, Unit:	20 IN
Nozzles/Row:	
Band Width, Unit:	
Boom Length, Unit:	20 IN
Boom Height, Unit:	20 IN
Ground Speed, Unit:	3.5 MPH
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	WATER
Spray Volume, Unit:	15 GPA
Spray pH:	
Propellant:	CO2
Tank Mix (Y/N):	

Trt No	Treatment Application Comment

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO											
Trial ID: SB-01-25		Study Dir.: G. ARMEL/J. SMITH									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code					----	-----	Amapa	Rapra	Agrass	Molve	-----
Crop Code					Glyma	Glyma	-----	-----	-----	-----	Glyma
Part Rated					Stunting	Leaf, -	Control	Control	Control	Control	Leaf, -
Rating Data Type					%	Necrosis	%	%	%	%	Necrosis
Rating Unit					May-24-25	May-24-25	May-24-25	May-24-25	May-24-25	May-24-25	Jun-2-25
Rating Date					4 DA-A	4 DA-A	4 DA-A	4 DA-A	4 DA-A	4 DA-A	13 DA-A
Trt-Eval Interval					1	2	3	4	5	6	7
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg						
1	NTC					0.0 f	0.0 h	0.0 c	0.0 g	0.0 c	0.0 na
2	LIBERTY ULTRA	1.76 SL		24.0 oz/a	POST	3.8 ef	0.0 h	99.0 a	53.8 f	99.0 a	99.0 na
3	ZALO INDUCE	2.52 SL		32.0 oz/a	POST	7.5 cde	3.8 efg	99.0 a	61.3 def	99.0 a	99.0 na
				0.25 % v/v	POST						0.0 c
4	LIBERTY ULTRA DUAL MAGNUM	1.76 SL		24.0 oz/a	POST	5.0 de	2.5 fgh	99.0 a	56.3 ef	99.0 a	99.0 na
		7.62 EC		16.0 oz/a	POST						0.0 c
5	LIBERTY ULTRA OUTLOOK	1.76 SL		24.0 oz/a	POST	6.3 cde	1.3 gh	99.0 a	66.3 c-f	98.0 a	99.0 na
		6 EC		16.0 oz/a	POST						0.0 c
6	LIBERTY ULTRA WARRANT	1.76 SL		24.0 oz/a	POST	8.8 cd	1.3 gh	99.0 a	68.5 b-e	88.3 b	99.0 na
		3 ME		48.0 oz/a	POST						1.3 bc
7	LIBERTY ULTRA ZIDUA	1.76 SL		24.0 oz/a	POST	15.0 b	5.0 def	99.0 a	68.8 b-e	99.0 a	99.0 na
		4.17 SC		2.5 oz/a	POST						3.8 ab
8	ZALO DUAL MAGNUM INDUCE	2.52 SL		32.0 oz/a	POST	10.0 c	6.3 de	98.0 b	68.8 b-e	99.0 a	99.0 na
		7.62 EC		16.0 oz/a	POST						0.0 c
				0.25 % v/v	POST						
9	ZALO OUTLOOK INDUCE	2.52 SL		32.0 oz/a	POST	8.8 cd	1.3 gh	99.0 a	57.5 ef	99.0 a	99.0 na
		6 EC		16.0 oz/a	POST						0.0 c
				0.25 % v/v	POST						
10	ZALO WARRANT INDUCE	2.52 SL		32.0 oz/a	POST	7.5 cde	7.5 d	99.0 a	57.5 ef	89.8 b	99.0 na
		3 ME		48.0 oz/a	POST						1.3 bc
				0.25 % v/v	POST						
11	ZALO ZIDUA INDUCE	2.52 SL		32.0 oz/a	POST	15.0 b	16.3 c	99.0 a	72.5 bcd	99.0 a	99.0 na
		4.17 SC		2.5 oz/a	POST						0.0 c
				0.25 % v/v	POST						
12	LIBERTY ULTRA ANTHEM MAXX	1.76 SL		24.0 oz/a	POST	17.5 b	17.5 c	99.0 a	76.3 bc	99.0 a	99.0 na
		4.3 SC		2.5 oz/a	POST						5.0 a
13	ZALO ANTHEM MAXX INDUCE	2.52 SL		32.0 oz/a	POST	22.5 a	25.0 b	99.0 a	80.0 b	99.0 a	99.0 na
		4.3 SC		2.5 oz/a	POST						2.5 abc
				0.25 % v/v	POST						

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Could not calculate LSD (% mean diff) or mean separation letters for columns 6,10 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO											
Trial ID: SB-01-25		Study Dir.: G. ARMEL/J. SMITH									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code											
Crop Code											
Part Rated											
Rating Data Type											
Rating Unit											
Rating Date											
Trt-Eval Interval											
Trt Treatment	Form	Form	Rate	Grow							
No. Name	Conc	Type	Rate	Unit	Stg						
14 ZALO	2.52 SL	32.0 oz/a	POST								
REFLEX	2 SL	24.0 oz/a	POST								
INDUCE		0.25 % v/v	POST								
LSD P=.10											
Standard Deviation											
CV											
Grand Mean											
Bartlett's X2^											
P(Bartlett's X2)											
Rank X2											
P(Rank X2)											
Skewness^											
P(Skewness)^											
Kurtosis^											
P(Kurtosis)^											
Replicate F											
Replicate Prob(F)											
Treatment F											
Treatment Prob(F)											

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Could not calculate LSD (% mean diff) or mean separation letters for columns 6,10 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO

Trial ID: SB-01-25 Study Dir.: G. ARMEL/J. SMITH
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval						Amapa ----- Control % Jun-2-25 13 DA-A	Rapra ----- Control % Jun-2-25 13 DA-A	Agrass ----- Control % Jun-2-25 13 DA-A	Amapa ----- Control % Jun-16-25 27 DA-A
Trt	Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	8	9	10	11
1	NTC					0.0 c	0.0 f	0.0 na	0.0 e
2	LIBERTY ULTRA	1.76 SL		24.0 oz/a	POST	61.3 b	45.0 e	99.0 na	57.5 d
3	ZALO INDUCE	2.52 SL		32.0 oz/a 0.25 % v/v	POST POST	60.0 b	57.5 cd	99.0 na	63.8 d
4	LIBERTY ULTRA DUAL MAGNUM	1.76 SL 7.62 EC		24.0 oz/a 16.0 oz/a	POST POST	98.0 a	45.0 e	99.0 na	91.0 abc
5	LIBERTY ULTRA OUTLOOK	1.76 SL 6 EC		24.0 oz/a 16.0 oz/a	POST POST	99.0 a	66.3 c	99.0 na	95.8 ab
6	LIBERTY ULTRA WARRANT	1.76 SL 3 ME		24.0 oz/a 48.0 oz/a	POST POST	99.0 a	57.5 cd	99.0 na	98.0 a
7	LIBERTY ULTRA ZIDUA	1.76 SL 4.17 SC		24.0 oz/a 2.5 oz/a	POST POST	98.0 a	83.8 b	99.0 na	98.0 a
8	ZALO DUAL MAGNUM INDUCE	2.52 SL 7.62 EC		32.0 oz/a 16.0 oz/a 0.25 % v/v	POST POST POST	95.8 a	48.8 de	99.0 na	88.5 bc
9	ZALO OUTLOOK INDUCE	2.52 SL 6 EC		32.0 oz/a 16.0 oz/a 0.25 % v/v	POST POST POST	96.8 a	46.3 de	99.0 na	83.5 c
10	ZALO WARRANT INDUCE	2.52 SL 3 ME		32.0 oz/a 48.0 oz/a 0.25 % v/v	POST POST POST	99.0 a	61.3 c	99.0 na	94.5 ab
11	ZALO ZIDUA INDUCE	2.52 SL 4.17 SC		32.0 oz/a 2.5 oz/a 0.25 % v/v	POST POST POST	98.0 a	81.3 b	99.0 na	97.0 a
12	LIBERTY ULTRA ANTHEM MAXX	1.76 SL 4.3 SC		24.0 oz/a 2.5 oz/a	POST POST	98.0 a	90.0 ab	99.0 na	94.8 ab
13	ZALO ANTHEM MAXX INDUCE	2.52 SL 4.3 SC		32.0 oz/a 2.5 oz/a 0.25 % v/v	POST POST POST	99.0 a	81.3 b	99.0 na	98.0 a

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Could not calculate LSD (% mean diff) or mean separation letters for columns 6,10 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO

Trial ID: SB-01-25 Study Dir.: G. ARMEL/J. SMITH
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					Amapa	Rapra	Agrass	Amapa
Crop Code					-----	-----	-----	-----
Part Rated								
Rating Data Type					Control	Control	Control	Control
Rating Unit					%	%	%	%
Rating Date					Jun-2-25	Jun-2-25	Jun-2-25	Jun-16-25
Trt-Eval Interval					13 DA-A	13 DA-A	13 DA-A	27 DA-A
Trt Treatment	Form Form	Rate	Grow		8	9	10	11
No. Name	Conc Type	Rate Unit	Stg					
14 ZALO	2.52 SL	32.0 oz/a	POST		99.0 a	99.0 a	99.0 na	98.0 a
REFLEX	2 SL	24.0 oz/a	POST					
INDUCE		0.25 % v/v	POST					
LSD P=.10					4.51	11.58	.	8.03
Standard Deviation					3.79	9.72	0.00	6.74
CV					4.42	15.77	0.0	8.15
Grand Mean					85.77	61.63	91.93	82.73
Bartlett's X2^					37.148*	17.723	.	28.231*
P(Bartlett's X2)					0.00*	0.168	.	0.008*
Rank X2					.	.	.	.
P(Rank X2)					.	.	.	.
Skewness^					0.0671	0.4114	.	-0.9888*
P(Skewness)^					0.8384	0.2143	.	0.0038*
Kurtosis^					5.1136*	0.3752	.	2.8825*
P(Kurtosis)^					0.0*	0.5631	.	0.0*
Replicate F					1.676	2.639	NaN	5.113
Replicate Prob(F)					0.1880	0.0630	NaN	0.0044
Treatment F					221.024	26.942	NaN	64.519
Treatment Prob(F)					0.0001	0.0001	NaN	0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Could not calculate LSD (% mean diff) or mean separation letters for columns 6,10 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO	
Trial ID: SB-01-25	Study Dir.: G. ARMEL/J. SMITH
Location: PONDER FARM	Investigator: Eric P. Prostko
<u>Part Rated</u> Leaf = LEAF / FOLIAGE <u>Rating Unit</u> % = PERCENT	

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO

Trial ID: SB-01-25 Study Dir.: G. ARMEL/J. SMITH
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval							----	-----	Amapa -----	Rapra -----	Agrass -----	Molve -----	
							Glyma Stunting % May-24-25 4 DA-A	Glyma Leaf, - Necrosis % May-24-25 4 DA-A	Control % May-24-25 4 DA-A	Control % May-24-25 4 DA-A	Control % May-24-25 4 DA-A	Control % May-24-25 4 DA-A	
Trt	Treatment	Form	Form	Rate	Grow								
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	1	2	3	4	5	6
1	NTC						101	0.0	0.0	0.0	0.0	0.0	0.0
							203	0.0	0.0	0.0	0.0	0.0	0.0
							312	0.0	0.0	0.0	0.0	0.0	0.0
							414	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 ULTRA	1.76	SL	24.0	oz/a	POST	102	0.0	0.0	99.0	65.0	99.0	99.0
							205	0.0	0.0	99.0	50.0	99.0	99.0
							304	10.0	0.0	99.0	50.0	99.0	99.0
							412	5.0	0.0	99.0	50.0	99.0	99.0
							Mean =	3.8	0.0	99.0	53.8	99.0	99.0
3	ZALO	2.52	SL	32.0	oz/a	POST	103	10.0	5.0	99.0	65.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	213	0.0	5.0	99.0	65.0	99.0	99.0
							305	10.0	0.0	99.0	65.0	99.0	99.0
							403	10.0	5.0	99.0	50.0	99.0	99.0
							Mean =	7.5	3.8	99.0	61.3	99.0	99.0
4	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST	104	10.0	5.0	99.0	60.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	202	0.0	0.0	99.0	50.0	99.0	99.0
							313	0.0	5.0	99.0	65.0	99.0	99.0
							411	10.0	0.0	99.0	50.0	99.0	99.0
							Mean =	5.0	2.5	99.0	56.3	99.0	99.0
5	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST	105	10.0	0.0	99.0	60.0	99.0	99.0
	OUTLOOK	6	EC	16.0	oz/a	POST	207	0.0	0.0	99.0	50.0	99.0	99.0
							306	5.0	0.0	99.0	60.0	99.0	99.0
							405	10.0	5.0	99.0	95.0	95.0	99.0
							Mean =	6.3	1.3	99.0	66.3	98.0	99.0
6	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST	106	10.0	5.0	99.0	99.0	65.0	99.0
	WARRANT	3	ME	48.0	oz/a	POST	201	10.0	0.0	99.0	60.0	99.0	99.0
							311	10.0	0.0	99.0	50.0	99.0	99.0
							413	5.0	0.0	99.0	65.0	90.0	99.0
							Mean =	8.8	1.3	99.0	68.5	88.3	99.0
7	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST	107	15.0	5.0	99.0	65.0	99.0	99.0
	ZIDUA	4.17	SC	2.5	oz/a	POST	208	15.0	5.0	99.0	50.0	99.0	99.0
							307	15.0	5.0	99.0	85.0	99.0	99.0
							404	15.0	5.0	99.0	75.0	99.0	99.0
							Mean =	15.0	5.0	99.0	68.8	99.0	99.0
8	ZALO	2.52	SL	32.0	oz/a	POST	108	15.0	5.0	99.0	60.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	211	5.0	5.0	99.0	60.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	302	10.0	10.0	99.0	70.0	99.0	99.0
							407	10.0	5.0	95.0	85.0	99.0	99.0
							Mean =	10.0	6.3	98.0	68.8	99.0	99.0
9	ZALO	2.52	SL	32.0	oz/a	POST	109	10.0	5.0	99.0	60.0	99.0	99.0
	OUTLOOK	6	EC	16.0	oz/a	POST	214	5.0	0.0	99.0	60.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	301	10.0	0.0	99.0	60.0	99.0	99.0
							410	10.0	0.0	99.0	50.0	99.0	99.0
							Mean =	8.8	1.3	99.0	57.5	99.0	99.0
10	ZALO	2.52	SL	32.0	oz/a	POST	110	10.0	10.0	99.0	55.0	90.0	99.0
	WARRANT	3	ME	48.0	oz/a	POST	209	10.0	10.0	99.0	50.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	314	0.0	5.0	99.0	50.0	85.0	99.0
							401	10.0	5.0	99.0	75.0	85.0	99.0
							Mean =	7.5	7.5	99.0	57.5	89.8	99.0

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO

Trial ID: SB-01-25 Study Dir.: G. ARMEL/J. SMITH
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval					----	-----	Amapa	Rapra	Agrass	Molve
					Glyma	Glyma Leaf, -	Control	Control	Control	Control
					Stunting	Necrosis	%	%	%	%
					%	%	%	%	%	%
					May-24-25	May-24-25	May-24-25	May-24-25	May-24-25	May-24-25
					4 DA-A	4 DA-A	4 DA-A	4 DA-A	4 DA-A	4 DA-A
Trt	Treatment	Form	Form	Rate	Grow					
No.	Name	Conc	Type	Rate	Unit	Stg	Plot			
								1	2	3
11	ZALO	2.52	SL	32.0	oz/a	POST	111	15.0	15.0	99.0
	ZIDUA	4.17	SC	2.5	oz/a	POST	206	15.0	20.0	99.0
	INDUCE			0.25	% v/v	POST	309	15.0	15.0	99.0
							406	15.0	15.0	99.0
							Mean =	15.0	16.3	99.0
12	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST	112	15.0	20.0	99.0
	ANTHEM MAXX	4.3	SC	2.5	oz/a	POST	210	15.0	15.0	99.0
							308	20.0	20.0	99.0
							409	20.0	15.0	99.0
							Mean =	17.5	17.5	99.0
13	ZALO	2.52	SL	32.0	oz/a	POST	113	20.0	25.0	99.0
	ANTHEM MAXX	4.3	SC	2.5	oz/a	POST	212	20.0	20.0	99.0
	INDUCE			0.25	% v/v	POST	303	25.0	30.0	99.0
							408	25.0	25.0	99.0
							Mean =	22.5	25.0	99.0
14	ZALO	2.52	SL	32.0	oz/a	POST	114	25.0	30.0	99.0
	REFLEX	2	SL	24.0	oz/a	POST	204	20.0	30.0	99.0
	INDUCE			0.25	% v/v	POST	310	25.0	30.0	99.0
							402	30.0	30.0	99.0
							Mean =	25.0	30.0	99.0

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO

Trial ID: SB-01-25 Study Dir.: G. ARMEL/J. SMITH
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval							----- Glyma ----- Leaf, - Necrosis % Jun-2-25 13 DA-A	Amapa ----- Control % Jun-2-25 13 DA-A	Rapra ----- Control % Jun-2-25 13 DA-A	Agrass ----- Control % Jun-2-25 13 DA-A	Amapa ----- Control % Jun-16-25 27 DA-A
Trt	Treatment	Form	Form	Rate	Grow		7	8	9	10	11
No.	Name	Conc	Type	Rate	Unit	Stg Plot					
1	NTC					101	0.0	0.0	0.0	0.0	0.0
						203	0.0	0.0	0.0	0.0	0.0
						312	0.0	0.0	0.0	0.0	0.0
						414	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
2	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST 102	0.0	60.0	50.0	99.0	65.0
						205	0.0	75.0	40.0	99.0	65.0
						304	0.0	50.0	50.0	99.0	50.0
						412	0.0	60.0	40.0	99.0	50.0
						Mean =	0.0	61.3	45.0	99.0	57.5
3	ZALO	2.52	SL	32.0	oz/a	POST 103	0.0	65.0	50.0	99.0	75.0
	INDUCE			0.25	% v/v	POST 213	0.0	65.0	50.0	99.0	65.0
						305	0.0	50.0	65.0	99.0	50.0
						403	0.0	60.0	65.0	99.0	65.0
						Mean =	0.0	60.0	57.5	99.0	63.8
4	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST 104	0.0	99.0	40.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST 202	0.0	99.0	40.0	99.0	85.0
						313	0.0	99.0	50.0	99.0	90.0
						411	0.0	95.0	50.0	99.0	90.0
						Mean =	0.0	98.0	45.0	99.0	91.0
5	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST 105	0.0	99.0	65.0	99.0	99.0
	OUTLOOK		6 EC	16.0	oz/a	POST 207	0.0	99.0	50.0	99.0	99.0
						306	0.0	99.0	65.0	99.0	90.0
						405	0.0	99.0	85.0	99.0	95.0
						Mean =	0.0	99.0	66.3	99.0	95.8
6	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST 106	5.0	99.0	75.0	99.0	99.0
	WARRANT		3 ME	48.0	oz/a	POST 201	0.0	99.0	40.0	99.0	99.0
						311	0.0	99.0	50.0	99.0	95.0
						413	0.0	99.0	65.0	99.0	99.0
						Mean =	1.3	99.0	57.5	99.0	98.0
7	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST 107	5.0	99.0	75.0	99.0	99.0
	ZIDUA		4.17 SC	2.5	oz/a	POST 208	5.0	99.0	75.0	99.0	99.0
						307	5.0	95.0	90.0	99.0	95.0
						404	0.0	99.0	95.0	99.0	99.0
						Mean =	3.8	98.0	83.8	99.0	98.0
8	ZALO	2.52	SL	32.0	oz/a	POST 108	0.0	99.0	30.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST 211	0.0	99.0	50.0	99.0	99.0
	INDUCE			0.25	% v/v	POST 302	0.0	90.0	65.0	99.0	65.0
						407	0.0	95.0	50.0	99.0	95.0
						Mean =	0.0	95.8	48.8	99.0	88.5
9	ZALO	2.52	SL	32.0	oz/a	POST 109	0.0	99.0	30.0	99.0	99.0
	OUTLOOK		6 EC	16.0	oz/a	POST 214	0.0	90.0	65.0	99.0	65.0
	INDUCE			0.25	% v/v	POST 301	0.0	99.0	50.0	99.0	75.0
						410	0.0	99.0	40.0	99.0	95.0
						Mean =	0.0	96.8	46.3	99.0	83.5
10	ZALO	2.52	SL	32.0	oz/a	POST 110	5.0	99.0	50.0	99.0	99.0
	WARRANT		3 ME	48.0	oz/a	POST 209	0.0	99.0	65.0	99.0	99.0
	INDUCE			0.25	% v/v	POST 314	0.0	99.0	50.0	99.0	85.0
						401	0.0	99.0	80.0	99.0	95.0
						Mean =	1.3	99.0	61.3	99.0	94.5

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO

Trial ID: SB-01-25 Study Dir.: G. ARMEL/J. SMITH
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							----- Glyma -----	Amapa -----	Rapra -----	Agrass -----	Amapa -----
Crop Code							Necrosis	Control	Control	Control	Control
Part Rated							%	%	%	%	%
Rating Data Type							Jun-2-25	Jun-2-25	Jun-2-25	Jun-2-25	Jun-16-25
Rating Unit							13 DA-A	13 DA-A	13 DA-A	13 DA-A	27 DA-A
Rating Date											
Trt-Eval Interval											
Trt Treatment	Form Form	Rate	Grow								
No. Name	Conc Type	Rate Unit	Stg Plot				7	8	9	10	11
11 ZALO	2.52 SL	32.0 oz/a	POST 111				0.0	95.0	75.0	99.0	99.0
ZIDUA	4.17 SC	2.5 oz/a	POST 206				0.0	99.0	85.0	99.0	99.0
INDUCE		0.25 % v/v	POST 309				0.0	99.0	75.0	99.0	95.0
			406				0.0	99.0	90.0	99.0	95.0
			Mean =				0.0	98.0	81.3	99.0	97.0
12 LIBERTY ULTRA	1.76 SL	24.0 oz/a	POST 112				10.0	95.0	95.0	99.0	95.0
ANTHEM MAXX	4.3 SC	2.5 oz/a	POST 210				0.0	99.0	85.0	99.0	99.0
			308				10.0	99.0	85.0	99.0	90.0
			409				0.0	99.0	95.0	99.0	95.0
			Mean =				5.0	98.0	90.0	99.0	94.8
13 ZALO	2.52 SL	32.0 oz/a	POST 113				0.0	99.0	85.0	99.0	95.0
ANTHEM MAXX	4.3 SC	2.5 oz/a	POST 212				10.0	99.0	75.0	99.0	99.0
INDUCE		0.25 % v/v	POST 303				0.0	99.0	75.0	99.0	99.0
			408				0.0	99.0	90.0	99.0	99.0
			Mean =				2.5	99.0	81.3	99.0	98.0
14 ZALO	2.52 SL	32.0 oz/a	POST 114				0.0	99.0	99.0	99.0	95.0
REFLEX	2 SL	24.0 oz/a	POST 204				0.0	99.0	99.0	99.0	99.0
INDUCE		0.25 % v/v	POST 310				0.0	99.0	99.0	99.0	99.0
			402				0.0	99.0	99.0	99.0	99.0
			Mean =				0.0	99.0	99.0	99.0	98.0

University of Georgia

TANK-MIXES WITH LIBERTY ULTRA AND ZALO	
Trial ID: SB-01-25	Study Dir.: G. ARMEL/J. SMITH
Location: PONDER FARM	Investigator: Eric P. Prostko
<u>Part Rated</u> Leaf = LEAF / FOLIAGE <u>Rating Unit</u> % = PERCENT	