

University of Georgia

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4

Plots: 6 by 25 feet

Mix Size: 1.5 L

Trt No.	Treatment Name	Form	Form Conc	Rate	Grow Rate	Appl Stg	Appl. Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC									-	101	202	310	408
2	HM-1899A GROUNDED	7.16 EC		32.0 oz/a	PRE	A	15 GPA	15 GPA	25.0 mL/mx 12.45 mL/mx	1462.6 mL	102	208	309	411
3	HM-1899A GROUNDED	7.16 EC		36.0 oz/a	PRE	A	15 GPA	15 GPA	28.12 mL/mx 12.45 mL/mx	1459.4 mL	103	213	314	401
4	HM-1899A GROUNDED	7.16 EC		40.0 oz/a	PRE	A	15 GPA	15 GPA	31.25 mL/mx 12.45 mL/mx	1456.3 mL	104	211	305	404
5	INTIMIDATOR GROUNDED	4.81 EC		48.0 oz/a	PRE	A	15 GPA	15 GPA	37.5 mL/mx 12.45 mL/mx	1450.1 mL	105	201	308	405
6	ZALO AGRIDEX AMSOL	2.52 SL		32.0 oz/a	EPOST	B	15 GAL/AC	15 GAL/AC	25.0 mL/mx 15.0 mL/mx	1430 mL	106	203	312	413
	ZALO AGRIDEX AMSOL	2.52 SL		32.0 oz/a	POST	C	15 GAL/AC	15 GAL/AC	25.0 mL/mx 15.0 mL/mx	1430 mL				
7	ZALO DUAL II MAGNUM	2.52 SL		32.0 oz/a	EPOST	B	15 GAL/AC	15 GAL/AC	25.0 mL/mx 16.41 mL/mx	1413.6 mL	107	212	306	414
	AGRIDEX AMSOL	7.64 EC		21.0 oz/a	EPOST	B	15 GAL/AC	15 GAL/AC	15.0 mL/mx 30.0 mL/mx					
8	TRICOR	4 F		8.0 oz/a	PRE	A	15 GPA	15 GPA	6.25 mL/mx	1475 mL	108	207	313	412
	SATELLITE HYDROCAP	3.8 SC		24.0 oz/a	PRE	A	15 GPA	15 GPA	18.75 mL/mx					
	REFLEX	2 SL		24.0 oz/a	POST	C	15 GAL/AC	15 GAL/AC	18.75 mL/mx	1477.1 mL				
	CLASSIC	25 DG		0.5 oz/a	POST	C	15 GAL/AC	15 GAL/AC	0.3745 g/mx					
	INDUCE			0.25 % v/v	POST	C	15 GAL/AC	15 GAL/AC	3.75 mL/mx					
9	TRICOR	4 F		8.0 oz/a	PRE	A	15 GPA	15 GPA	6.25 mL/mx	1481.3 mL	109	204	302	407
	DUAL MAGNUM	7.62 EC		16.0 oz/a	PRE	A	15 GPA	15 GPA	12.5 mL/mx					
	REFLEX	2 SL		24.0 oz/a	POST	C	15 GAL/AC	15 GAL/AC	18.75 mL/mx	1477.1 mL				
	CLASSIC	25 DG		0.5 oz/a	POST	C	15 GAL/AC	15 GAL/AC	0.3745 g/mx					
	INDUCE			0.25 % v/v	POST	C	15 GAL/AC	15 GAL/AC	3.75 mL/mx					
10	TRICOR	4 F		8.0 oz/a	PRE	A	15 GPA	15 GPA	6.25 mL/mx	1491.8 mL	110	214	303	409
	ZIDUA	4.17 SC		2.5 oz/a	PRE	A	15 GPA	15 GPA	1.953 mL/mx					
	REFLEX	2 SL		24.0 oz/a	POST	C	15 GAL/AC	15 GAL/AC	18.75 mL/mx	1477.1 mL				
	CLASSIC	25 DG		0.5 oz/a	POST	C	15 GAL/AC	15 GAL/AC	0.3745 g/mx					
	INDUCE			0.25 % v/v	POST	C	15 GAL/AC	15 GAL/AC	3.75 mL/mx					
11	EXP1 LIBERTY	4.97 SE		32.0 oz/a	PRE	A	15 GPA	15 GPA	25.0 mL/mx	1475 mL	111	206	301	403
	AGRIDEX	2.34 SL		28.0 oz/a	POST	C	15 GAL/AC	15 GAL/AC	21.87 mL/mx	1433.1 mL				
	AMSOL			1.0 % v/v	POST	C	15 GAL/AC	15 GAL/AC	15.0 mL/mx					
				2.0 % v/v	POST	C	15 GAL/AC	15 GAL/AC	30.0 mL/mx					
12	EXP1 LIBERTY	4.97 SE		32.0 oz/a	PRE	A	15 GPA	15 GPA	25.0 mL/mx	1475 mL	112	209	311	402
	ROUNDUP POWERMAX	2.34 SL		28.0 oz/a	POST	C	15 GAL/AC	15 GAL/AC	21.87 mL/mx	1409.7 mL				
	AGRIDEX	5.5 SL		30.0 oz/a	POST	C	15 GAL/AC	15 GAL/AC	23.44 mL/mx					
	AMSOL			1.0 % v/v	POST	C	15 GAL/AC	15 GAL/AC	15.0 mL/mx					
				2.0 % v/v	POST	C	15 GAL/AC	15 GAL/AC	30.0 mL/mx					
13	EXP1 LIBERTY	4.97 SE		24.0 oz/a	PRE	A	15 GPA	15 GPA	18.75 mL/mx	1481.3 mL	113	205	304	406
	EXP1	2.34 SL		28.0 oz/a	POST	C	15 GAL/AC	15 GAL/AC	21.87 mL/mx	1420.6 mL				
	AGRIDEX	4.97 SE		16.0 oz/a	POST	C	15 GAL/AC	15 GAL/AC	12.5 mL/mx					
	AMSOL			1.0 % v/v	POST	C	15 GAL/AC	15 GAL/AC	15.0 mL/mx					
				2.0 % v/v	POST	C	15 GAL/AC	15 GAL/AC	30.0 mL/mx					
14	NTC									-	114	210	307	410

Sort Order: Treatment

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS	
Trial ID: SB-04A-24	Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM	Investigator: Eric P. Prostko
Trial Comments	

University of Georgia

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

0.83% = 16 OZ/A

HM1899A = SINISTER NEXUS: S-MOC + METRIBUZIN + FOMESAFEN
INTIMIDATOR = S-MOC (3.39 LBS/GAL) + METRIBUZIN (0.75 LBS/GAL) + FOMESAFEN (0.67 LBS/GAL)
ZALO = GLUFOSINATE (2.29 LBS/GAL) + QUIZALOFOP (0.23 LBS/GAL)

PLOTS 101/201/108 - DOUBLE PLANTED DUE TO GRAIN DRILL ISSUES

06/26/24: BORON @ 32 OZ/A + DIMILIN @ 2 OZ/A + ALTO @ 5 OZ/A

08/19/24: IPOSP = MIXTURE OF SMALL FLOWER MG AND ENTIRELEAF/IVYLEAF MG

08/20/24: KNACK @ 8 OZ/A

08/28/24: ROUNDUP-PMAX3 @ 32 OZ/A + DICLOM @ 0.45 OZ/A + DIMILIN @ 2 OZ/A + ALTO @ 5 OZ/A (TO CLEAN UP MG)

PLOTS WIT 0 YIELD DATA WERE MOWED DOWN PRIOR TO HARVEST DUE TO EXCESSIVE WEED GROWTH.

GRAMOXONE 2SL @ 16 OZ/A + RAMPAGE MSO @ 1% V/V APPLIED ON OCTOBER 21 (HARVEST AID).

HARVEST DATE: OCTOBER 28

HARVEST MOISTURE: 13.5%

YIELDS ADJUSTED TO 13%

SUMMARY:

1) PRE APPLICATIONS OF SINISTER NEXUS CAUSED TEMPORARY EARLY SEASON SOYBEAN STUNTING AND PROVIDED EXCELLENT (90%+) EARLY SEASON CONTROL OF PALMER AMARANTH, ANNUAL GRASSES, AND CORN SPURRY. SINISTER NEXUS WAS NOT AS EFFECTIVE ON CARPETWEED.

2) POST APPLICATIONS OF ZALO + AGRIDEX + AMSOL CAUSED SOYBEAN STUNTING AND CHLOROSIS. ADDITIONS OF DUAL MAGNUM TO ZALO INCREASED LEAF NECROSIS. GENERALLY, SPLIT APPLICATIONS OF ZALO WERE MORE EFFECTIVE THAN SINGLE APPLICATIONS.

3) PRE APPLICATIONS OF EXP1 CAUSED EARLY SEASON SOYBEAN STUNTING AND PROVIDED EXCELLENT EARLY SEASON CONTROL OF PALMER AMARANTH, ANNUAL GRASSES, AND CORN SPURRY. WAS ALSO LESS EFFECTIVE ON CARPETWEED.

4) EXP1 APPLIED POST IN COMBINATION WITH LIBERTY INCREASED SOYBEAN INJURY.

5) LATE-SEASON WEED CONTROL RATINGS (AUGUST 19, 104 DAP) INDICATED THE FOLLOWING:

A) ALL TREATMENTS THAT INCLUDED PRE + POST APPLICATIONS OR 2 POST APPLICATIONS OF ZALO PROVIDED AT LEAST 83% CONTROL OF ANNUAL MG.

B) ALL TREATMENTS PROVIDED AT LEAST 89% CONTROL OF PALMER AMARANTH EXCEPT FOR THE FOLLOWING:

- SINISTER NEXUS PRE APPLIED AT 32 OZ/A (74% CONTROL)
- INTIMIDATOR PRE (73% CONTROL)
- TRICOR + SATELLITE (PRE) FB REFLEX + CLASSIC (68% CONTROL).

6) ALL TREATMENTS RESULTED IN HIGHER SOYBEAN YIELDS THAN THE NTC. SOME TREATMENTS THAT CONTAINED PRE + POST APPLICATIONS HAD HIGHER YIELDS THAN TREATMENTS WITH ONLY PRE APPLICATIONS.

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Trial ID: SB-04A-24
Location: PONDER FARM

Study Dir.: GREG ARMEL/ZACH TAYLOR
Investigator: Eric P. Prostko

Study Director: ZACH TAYLOR
Affiliation: _____
Postal Code: _____

Title: _____

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

Title: _____

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: _____
Org: _____
Address 1: _____
Address 2: _____
City: _____
State/Prov: _____
Postal Code: _____

Country: _____
Phone No: _____
Fax No: _____

Conducted Under GLP (Y/N): N
Guidelines: _____

Conducted Under GEP (Y/N): N
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.	SPEAR	CO	RN SPURRY
4.	MOLVE	CA	RPETWEED
5.	IPOSP	SM	ALL FLOWER MG + IVYLEAF MG

Crop 1: GLYMA SOYBEAN
Planting Date: May-7-24
Rate: 140000 S/A
Row Spacing: 15 IN
Soil Temperature: _____

Planting Method: _____
Depth: 1.25 IN
Spacing Within Row: _____
Soil Moisture: _____

Variety: PIONEER P56A71E
MONOSEM
Perennial Age: _____
Seed Bed: _____
Emergence Date: _____

Plot Width, Unit: 6 FT
Site Type: _____
Tillage Type: CONVENTIONAL

SITE AND DESIGN
Plot Length, Unit: 25 FT
Reps: 4
Study Design: RACOBL

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	SORGHUM	2023	2023

MAINTENANCE

Field Prep./Maintenance: 400 LBS/A 5-15-30 PREPLANT

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Study Dir.: GREG ARMEL/ZACH TAYLOR

Location: PONDER FARM

Investigator: Eric P. Prostko

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

% Sand: 94

% Silt: 4

% Clay: 2

% OM: 0.93

pH: 6.9

CEC: 3.7

Texture: SAND

Soil Name: TIFTON

Fert. Level: GOOD

SOIL DESCRIPTION

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-1-24		0.5	IN	SPRINKLER - LATERAL MOVE		
2.	May-4-24		0.9	IN	RAINFALL		
3.	May-9-24		0.75	IN	RAINFALL		
4.	May-10-24		0.75	IN	RAINFALL		
5.	May-13-24		1.1	IN	RAINFALL		
6.	May-17-24		0.96	IN	RAINFALL		
7.	May-18-24		1.35	IN	RAINFALL		
8.	May-19-24		0.69	IN	RAINFALL		
9.	May-25-24		0.44	IN	RAINFALL		
10.	May-27-24		0.62	IN	RAINFALL		
11.	Jun-11-24		0.45	IN	SPRINKLER - LATERAL MOVE		
12.	Jun-17-24		0.4	IN	SPRINKLER - LATERAL MOVE		
13.	Jun-27-24		0.9	IN	RAINFALL		
14.	Jun-29-24		0.5	IN	RAINFALL		
15.	Jul-2-24		0.5	IN	RAINFALL		

Overall Moisture Conditions: _____

Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A	B	C
Application Date:	May-8-24	May-22-24	Jun-7-24
Time of Day:	7:00 AM	7:15 AM	6:45 AM
Application Method:	BROADCAST	BROADCAST	BROADCAST
Application Timing:	PRE	EPOST	POST
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE
Air Temp., Unit:	71 F	70 F	74 F
% Relative Humidity:	97	97	96
Wind Velocity, Unit:	3 MPH	0 MPH	2 MPH
Dew Presence (Y/N):	Y	Y	Y
Water Hardness:	--	--	--
Soil Temp., Unit:	78 F	70 F	80 F
Soil Moisture:	OPTIMUM	OPTIMUM	OPTIMUM
% Cloud Cover:	100	5	5

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Location: PONDER FARM Investigator: Eric P. Prostko		

CROP STAGE AT EACH APPLICATION			
	A	B	C
Crop 1 Code, Stage:	GLYMA,	GLYMA,	GLYMA,
Stage Scale:		VC-V1	V5--V6
Height, Unit:		4, IN	9, IN

WEED STAGE AT EACH APPLICATION			
	A	B	C
Weed 1 Code, Stage:	AGRAS,	AGRAS,	AGRAS,
Stage Scale:			
Density, Unit:			
Weed 2 Code, Stage:	AMAPA,	AMAPA,	AMAPA,
Stage Scale:			
Density, Unit:			
Weed 3 Code, Stage:	SPEAR,	SPEAR,	SPEAR,
Stage Scale:			
Density, Unit:			
Weed 4 Code, Stage:	MOLVE,	MOLVE,	MOLVE,
Stage Scale:			
Density, Unit:			
Weed 5 Code, Stage:	IPOSP,	IPOSP,	IPOSP,
Stage Scale:			
Density, Unit:			

APPLICATION EQUIPMENT			
	A	B	C
Appl. Equipment:	BACKPACK	SAME AS A	SAME AS A
Operating Pressure:	35		
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

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Amapa Control % May-21-24	Spear Control % May-21-24	Glyma Stunting % May-27-24	Glyma Necrosis % May-27-24	Amapa Control % May-27-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	1	2	3	4	5
1	NTC						0.0 na	0.0 na	0.0 d	0.0 c	0.0 c
2	HM-1899A GROUNDED	7.16	EC	32.0 oz/a 0.83 % v/v	PRE PRE	A A	99.0 na	99.0 na	8.8 c	0.0 c	99.0 a
3	HM-1899A GROUNDED	7.16	EC	36.0 oz/a 0.83 % v/v	PRE PRE	A A	99.0 na	99.0 na	11.3 bc	0.0 c	99.0 a
4	HM-1899A GROUNDED	7.16	EC	40.0 oz/a 0.83 % v/v	PRE PRE	A A	99.0 na	99.0 na	16.3 abc	0.0 c	99.0 a
5	INTIMIDATOR GROUNDED	4.81	EC	48.0 oz/a 0.83 % v/v	PRE PRE	A A	99.0 na	99.0 na	8.8 c	0.0 c	99.0 a
6	ZALO AGRIDEX AMSOL ZALO AGRIDEX AMSOL	2.52 2.52	SL SL	32.0 oz/a 1.0 % v/v 2.0 % v/v 32.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST POST POST POST	B B B C C C	0.0 na	0.0 na	12.5 bc	12.5 b	99.0 a
7	ZALO DUAL II MAGNUM AGRIDEX AMSOL	2.52 7.64	SL EC	32.0 oz/a 21.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST EPOST	B B B B	0.0 na	0.0 na	23.8 a	22.5 a	99.0 a
8	TRICOR SATELLITE HYDROCAP REFLEX CLASSIC INDUCE	4 3.8 2 25	F SC SL DG	8.0 oz/a 24.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	99.0 na	99.0 na	8.8 c	0.0 c	88.8 b
9	TRICOR DUAL MAGNUM REFLEX CLASSIC INDUCE	4 7.62 2 25	F EC SL DG	8.0 oz/a 16.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	99.0 na	99.0 na	10.0 bc	0.0 c	98.0 a
10	TRICOR ZIDUA REFLEX CLASSIC INDUCE	4 4.17 2 25	F SC SL DG	8.0 oz/a 2.5 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	99.0 na	99.0 na	17.5 ab	0.0 c	98.0 a
11	EXP1 LIBERTY AGRIDEX AMSOL	4.97 2.34	SE SL	32.0 oz/a 28.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST	A C C C	99.0 na	99.0 na	11.3 bc	0.0 c	98.0 a
12	EXP1 LIBERTY ROUNDUP POWERMAX AGRIDEX AMSOL	4.97 2.34 5.5	SE SL SL	32.0 oz/a 28.0 oz/a 30.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	99.0 na	99.0 na	11.3 bc	0.0 c	99.0 a
13	EXP1 LIBERTY EXP1 AGRIDEX AMSOL	4.97 2.34 4.97	SE SL SE	24.0 oz/a 28.0 oz/a 16.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	99.0 na	99.0 na	13.8 bc	0.0 c	97.0 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 1,2,20,27 because error variance is 0.

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

^Calculated from residual.

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Trial ID: SB-04A-24			Study Dir.: GREG ARMEL/ZACH TAYLOR							
Location: PONDER FARM			Investigator: Eric P. Prostko							
Weed Code					Amapa		Spear		Glyma	
Crop Code					Control		Control		Stunting	
Rating Data Type					%		%		%	
Rating Unit					May-21-24		May-21-24		May-27-24	
Rating Date										
Trt Treatment					1		2		3	
No. Name										
14 NTC					0.0 na		0.0 na		0.0 d	
LSD P=.10					.		.		8.04	
Standard Deviation					0.00		0.00		6.75	
CV					0.0		0.0		61.48	
Grand Mean					70.71		70.71		10.98	
Bartlett's X2^					.		.		11.097	
P(Bartlett's X2)					.		.		0.603	
Replicate F					NaN		NaN		3.221	
Replicate Prob(F)					NaN		NaN		0.0329	
Treatment F					NaN		NaN		3.378	
Treatment Prob(F)					NaN		NaN		0.0016	

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 1,2,20,27 because error variance is 0.
Mean separation letters are 'na' (not applicable) when error variance is 0
^Calculated from residual.

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Molve Control % May-27-24	Spear Control % May-27-24	Glyma Stunt % Jun-7-24	Glyma Necrosis % Jun-7-24	Amapa Control % Jun-7-24	Agrass Control % Jun-7-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	6	7	8	9	10	11
1	NTC						0.0 c	0.0 d	0.0 e	0.0 b	0.0 f	0.0 d
2	HM-1899A GROUNDED	7.16	EC	32.0 oz/a 0.83 % v/v	PRE PRE	A A	98.0 a	99.0 a	7.5 bcd	0.0 b	94.8 ab	93.5 ab
3	HM-1899A GROUNDED	7.16	EC	36.0 oz/a 0.83 % v/v	PRE PRE	A A	99.0 a	99.0 a	7.5 bcd	0.0 b	92.5 ab	92.0 ab
4	HM-1899A GROUNDED	7.16	EC	40.0 oz/a 0.83 % v/v	PRE PRE	A A	97.0 a	99.0 a	11.3 abc	0.0 b	98.0 a	98.0 a
5	INTIMIDATOR GROUNDED	4.81	EC	48.0 oz/a 0.83 % v/v	PRE PRE	A A	99.0 a	99.0 a	6.3 cd	0.0 b	93.8 ab	93.5 ab
6	ZALO AGRIDEX AMSOL ZALO AGRIDEX AMSOL	2.52 2.52	SL SL	32.0 oz/a 1.0 % v/v 2.0 % v/v 32.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST POST POST POST	B B B C C C	98.0 a	99.0 a	10.0 bc	5.0 a	77.5 d	95.0 ab
7	ZALO DUAL II MAGNUM AGRIDEX AMSOL	2.52 7.64	SL EC	32.0 oz/a 21.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST EPOST	B B B B	97.0 a	99.0 a	16.3 a	6.3 a	97.0 ab	98.0 a
8	TRICOR SATELLITE HYDROCAP REFLEX CLASSIC INDUCE	4 3.8 2 25	F SC SL DG	8.0 oz/a 24.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	98.0 a	96.0 c	3.8 de	0.0 b	66.3 e	95.0 ab
9	TRICOR DUAL MAGNUM REFLEX CLASSIC INDUCE	4 7.62	F EC	8.0 oz/a 16.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	93.5 b	96.8 bc	7.5 bcd	0.0 b	71.3 de	88.8 bc
10	TRICOR ZIDUA REFLEX CLASSIC INDUCE	4 4.17	F SC	8.0 oz/a 2.5 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	99.0 a	99.0 a	12.5 ab	0.0 b	85.0 c	91.3 abc
11	EXP1 LIBERTY AGRIDEX AMSOL	4.97 2.34	SE SL	32.0 oz/a 28.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST	A C C C	99.0 a	98.0 ab	10.0 bc	0.0 b	90.0 bc	92.5 ab
12	EXP1 LIBERTY ROUNDUP POWERMAX AGRIDEX AMSOL	4.97 2.34 5.5	SE SL SL	32.0 oz/a 28.0 oz/a 30.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	99.0 a	99.0 a	7.5 bcd	0.0 b	95.0 ab	87.5 bc
13	EXP1 LIBERTY EXP1 AGRIDEX AMSOL	4.97 2.34 4.97	SE SL SE	24.0 oz/a 28.0 oz/a 16.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	97.0 a	99.0 a	6.3 cd	0.0 b	92.5 ab	83.8 c

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 1,2,20,27 because error variance is 0.

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

^Calculated from residual.

University of Georgia

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date						Molve Control % May-27-24	Spear Control % May-27-24	Glyma Stunt % Jun-7-24	Glyma Necrosis % Jun-7-24	Amapa Control % Jun-7-24	Agrass Control % Jun-7-24	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit Stg	Appl Code	6	7	8	9	10	11
14	NTC						0.0 c	0.0 d	0.0 e	0.0 b	0.0 f	0.0 d
LSD P=.10							2.51	1.63	5.65	1.48	7.25	7.67
Standard Deviation							2.11	1.37	4.75	1.24	6.08	6.43
CV							2.51	1.62	62.52	154.7	8.08	8.13
Grand Mean							83.82	84.41	7.59	0.80	75.25	79.20
Bartlett's X2^							37.939*	45.66*	7.482	54.127*	26.088*	31.176*
P(Bartlett's X2)							0.00*	0.00*	0.876	0.00*	0.017*	0.003*
Replicate F							1.347	2.096	5.043	1.830	1.417	1.009
Replicate Prob(F)							0.2733	0.1164	0.0048	0.1577	0.2525	0.3991
Treatment F							1138.615	2735.552	3.522	10.956	120.085	110.177
Treatment Prob(F)							0.0001	0.0001	0.0011	0.0001	0.0001	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 1,2,20,27 because error variance is 0.

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

^Calculated from residual.

University of Georgia

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Molve Control % Jun-7-24	Spear Control % Jun-7-24	Glyma Stunt % Jun-14-24	Glyma Chlorosis % Jun-14-24	Glyma Necrosis % Jun-14-24	Amapa Control % Jun-14-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	12	13	14	15	16	17
1	NTC						0.0 f	0.0 c	0.0 d	0.0 g	0.0 d	0.0 c
2	HM-1899A GROUNDED	7.16	EC	32.0 oz/a 0.83 % v/v	PRE PRE	A A	91.3 a	99.0 a	3.8 cd	6.3 cde	0.0 d	91.3 b
3	HM-1899A GROUNDED	7.16	EC	36.0 oz/a 0.83 % v/v	PRE PRE	A A	81.3 ab	98.0 a	3.8 cd	3.8 ef	0.0 d	96.8 a
4	HM-1899A GROUNDED	7.16	EC	40.0 oz/a 0.83 % v/v	PRE PRE	A A	80.0 ab	99.0 a	5.0 cd	5.0 def	0.0 d	98.0 a
5	INTIMIDATOR GROUNDED	4.81	EC	48.0 oz/a 0.83 % v/v	PRE PRE	A A	76.3 a-d	99.0 a	5.0 cd	2.5 fg	0.0 d	89.8 b
6	ZALO AGRIDEX AMSOL ZALO AGRIDEX AMSOL	2.52 2.52	SL SL	32.0 oz/a 1.0 % v/v 2.0 % v/v 32.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST POST POST POST	B B B C C C	37.5 e	93.3 b	7.5 bc	8.8 c	5.0 c	99.0 a
7	ZALO DUAL II MAGNUM AGRIDEX AMSOL	2.52 7.64	SL EC	32.0 oz/a 21.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST EPOST	B B B B	78.8 abc	98.0 a	7.5 bc	8.8 c	0.0 d	98.0 a
8	TRICOR SATELLITE HYDROCAP REFLEX CLASSIC INDUCE	4 3.8 2 25	F SC SL DG	8.0 oz/a 24.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	62.5 d	93.5 b	12.5 ab	15.0 ab	15.0 b	90.0 b
9	TRICOR DUAL MAGNUM REFLEX CLASSIC INDUCE	4 7.62 2 25	F EC SL DG	8.0 oz/a 16.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	66.3 bcd	99.0 a	12.5 ab	15.0 ab	13.8 b	94.5 ab
10	TRICOR ZIDUA REFLEX CLASSIC INDUCE	4 4.17 2 25	F SC SL DG	8.0 oz/a 2.5 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	91.3 a	99.0 a	15.0 a	17.5 a	15.0 b	99.0 a
11	EXP1 LIBERTY AGRIDEX AMSOL	4.97 2.34	SE SL	32.0 oz/a 28.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST	A C C C	70.0 bcd	99.0 a	2.5 cd	5.0 def	1.3 d	99.0 a
12	EXP1 LIBERTY ROUNDUP POWERMAX AGRIDEX AMSOL	4.97 2.34 5.5	SE SL SL	32.0 oz/a 28.0 oz/a 30.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	63.8 cd	99.0 a	3.8 cd	7.5 cd	3.8 c	99.0 a
13	EXP1 LIBERTY EXP1 AGRIDEX AMSOL	4.97 2.34 4.97	SE SL SE	24.0 oz/a 28.0 oz/a 16.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	45.0 e	99.0 a	13.8 a	13.8 b	20.0 a	99.0 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 1,2,20,27 because error variance is 0.

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

^Calculated from residual.

University of Georgia

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Molve Control % Jun-7-24	Spear Control % Jun-7-24	Glyma Stunt % Jun-14-24	Glyma Chlorosis % Jun-14-24	Glyma Necrosis % Jun-14-24	Amapa Control % Jun-14-24
Trt	Treatment	Form	Form	Rate	Grow	Appl	12	13	14	15	16	17
No.	Name	Conc	Type	Rate	Unit	Stg	Code					
14	NTC						0.0 f	0.0 c	0.0 d	0.0 g	0.0 d	0.0 c
LSD P=.10							15.51	3.10	5.14	3.55	1.41	4.93
Standard Deviation							13.02	2.60	4.32	2.98	1.19	4.14
CV							21.6	3.1	65.34	38.34	22.52	5.02
Grand Mean							60.27	83.91	6.61	7.77	5.27	82.38
Bartlett's X2^							22.763*	77.307*	14.578	5.867	97.304*	44.877*
P(Bartlett's X2)							0.045*	0.00*	0.334	0.951	0.00*	0.00*
Replicate F							0.438	0.572	3.993	6.492	0.317	0.930
Replicate Prob(F)							0.7269	0.6367	0.0143	0.0011	0.8129	0.4352
Treatment F							20.900	748.723	5.388	14.543	151.049	287.405
Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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^Calculated from residual.

University of Georgia

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Agrass Control % Jun-14-24	Molve Control % Jun-14-24	Spear Control % Jun-14-24	Glyma Stunt % Jun-24-24	Glyma Chlorosis % Jun-24-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	18	19	20	21	22
1	NTC						0.0 d	0.0 d	0.0 na	0.0 f	0.0 e
2	HM-1899A GROUNDED	7.16	EC	32.0 oz/a 0.83 % v/v	PRE PRE	A A	94.3 abc	82.5 b	99.0 na	3.8 def	3.8 de
3	HM-1899A GROUNDED	7.16	EC	36.0 oz/a 0.83 % v/v	PRE PRE	A A	88.3 c	78.8 b	99.0 na	7.5 bcd	5.0 cd
4	HM-1899A GROUNDED	7.16	EC	40.0 oz/a 0.83 % v/v	PRE PRE	A A	99.0 a	79.8 b	99.0 na	1.3 ef	5.0 cd
5	INTIMIDATOR GROUNDED	4.81	EC	48.0 oz/a 0.83 % v/v	PRE PRE	A A	93.5 abc	65.0 c	99.0 na	6.3 cd	5.0 cd
6	ZALO AGRIDEX AMSOL ZALO AGRIDEX AMSOL	2.52 2.52	SL SL	32.0 oz/a 1.0 % v/v 2.0 % v/v 32.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST POST POST POST	B B B C C C	99.0 a	99.0 a	99.0 na	7.5 bcd	5.0 cd
7	ZALO DUAL II MAGNUM AGRIDEX AMSOL	2.52 7.64	SL EC	32.0 oz/a 21.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST EPOST	B B B B	97.0 a	60.0 c	99.0 na	3.8 def	5.0 cd
8	TRICOR SATELLITE HYDROCAP REFLEX CLASSIC INDUCE	4 3.8 2 25	F SC SL DG	8.0 oz/a 24.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	94.5 ab	99.0 a	99.0 na	11.3 ab	11.3 ab
9	TRICOR DUAL MAGNUM REFLEX CLASSIC INDUCE	4 7.62 2 25	F EC SL DG	8.0 oz/a 16.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	88.8 bc	99.0 a	99.0 na	11.3 ab	8.8 bc
10	TRICOR ZIDUA REFLEX CLASSIC INDUCE	4 4.17 2 25	F SC SL DG	8.0 oz/a 2.5 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	99.0 a	99.0 a	99.0 na	13.8 a	11.3 ab
11	EXP1 LIBERTY AGRIDEX AMSOL	4.97 2.34	SE SL	32.0 oz/a 28.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST	A C C C	99.0 a	99.0 a	99.0 na	6.3 cd	5.0 cd
12	EXP1 LIBERTY ROUNDUP POWERMAX AGRIDEX AMSOL	4.97 2.34 5.5	SE SL SL	32.0 oz/a 28.0 oz/a 30.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	99.0 a	99.0 a	99.0 na	5.0 de	8.8 bc
13	EXP1 LIBERTY EXP1 AGRIDEX AMSOL	4.97 2.34 4.97	SE SL SE	24.0 oz/a 28.0 oz/a 16.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	99.0 a	99.0 a	99.0 na	10.0 abc	15.0 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 1,2,20,27 because error variance is 0.

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

^Calculated from residual.

University of Georgia

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS										
Trial ID: SB-04A-24		Study Dir.: GREG ARMEL/ZACH TAYLOR								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code						Agrass	Molve	Spear	Glyma	Glyma
Crop Code						Control	Control	Control	Stunt	Chlorosis
Rating Data Type						%	%	%	%	%
Rating Unit						Jun-14-24	Jun-14-24	Jun-14-24	Jun-24-24	Jun-24-24
Rating Date										
Trt	Treatment	Form	Form	Rate	Grow	18	19	20	21	22
No.	Name	Conc	Type	Rate	Unit					
14	NTC					0.0 d	0.0 d	0.0 na	0.0 f	0.0 e
LSD P=.10						6.06	10.44	.	4.92	4.40
Standard Deviation						5.09	8.76	0.00	4.13	3.69
CV						6.19	11.58	0.0	66.12	58.25
Grand Mean						82.16	75.64	84.86	6.25	6.34
Bartlett's X2^						58.279*	74.107*	.	20.742	11.897
P(Bartlett's X2)						0.00*	0.00*	.	0.078	0.536
Replicate F						0.751	0.488	NaN	0.662	2.740
Replicate Prob(F)						0.5284	0.6927	NaN	0.5803	0.0563
Treatment F						189.282	62.940	NaN	4.335	5.252
Treatment Prob(F)						0.0001	0.0001	NaN	0.0002	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 1,2,20,27 because error variance is 0.

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

^Calculated from residual.

University of Georgia

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Glyma Necrosis % Jun-24-24	Amapa Control % Jun-24-24	Agrass Control % Jun-24-24	Molve Control % Jun-24-24	Spear Control % Jun-24-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	23	24	25	26	27
1	NTC						0.0 c	0.0 f	0.0 d	0.0 e	0.0 na
2	HM-1899A GROUNDED	7.16	EC	32.0 oz/a 0.83 % v/v	PRE PRE	A A	1.3 c	87.5 de	89.8 abc	83.8 b	99.0 na
3	HM-1899A GROUNDED	7.16	EC	36.0 oz/a 0.83 % v/v	PRE PRE	A A	2.5 c	92.5 bcd	78.3 c	80.0 bc	99.0 na
4	HM-1899A GROUNDED	7.16	EC	40.0 oz/a 0.83 % v/v	PRE PRE	A A	2.5 c	94.8 abc	98.0 ab	72.5 cd	99.0 na
5	INTIMIDATOR GROUNDED	4.81	EC	48.0 oz/a 0.83 % v/v	PRE PRE	A A	2.5 c	86.3 e	86.3 bc	65.0 d	99.0 na
6	ZALO AGRIDEX AMSOL ZALO AGRIDEX AMSOL	2.52 2.52	SL SL	32.0 oz/a 1.0 % v/v 2.0 % v/v 32.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST POST POST POST	B B B C C C	7.5 b	97.0 ab	99.0 a	97.0 a	99.0 na
7	ZALO DUAL II MAGNUM AGRIDEX AMSOL	2.52 7.64	SL EC	32.0 oz/a 21.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST EPOST	B B B B	2.5 c	95.8 ab	97.0 ab	68.8 d	99.0 na
8	TRICOR SATELLITE HYDROCAP REFLEX CLASSIC INDUCE	4 3.8 2 25	F SC SL DG	8.0 oz/a 24.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	12.5 a	85.0 e	87.3 abc	96.0 a	99.0 na
9	TRICOR DUAL MAGNUM REFLEX CLASSIC INDUCE	4 7.62 2 25	F EC SL DG	8.0 oz/a 16.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	8.8 b	89.8 cde	87.5 abc	97.0 a	99.0 na
10	TRICOR ZIDUA REFLEX CLASSIC INDUCE	4 4.17 2 25	F SC SL DG	8.0 oz/a 2.5 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	7.5 b	98.0 a	90.8 ab	99.0 a	99.0 na
11	EXP1 LIBERTY AGRIDEX AMSOL	4.97 2.34	SE SL	32.0 oz/a 28.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST	A C C C	2.5 c	98.0 a	98.0 ab	99.0 a	99.0 na
12	EXP1 LIBERTY ROUNDUP POWERMAX AGRIDEX AMSOL	4.97 2.34 5.5	SE SL SL	32.0 oz/a 28.0 oz/a 30.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	7.5 b	99.0 a	98.0 ab	99.0 a	99.0 na
13	EXP1 LIBERTY EXP1 AGRIDEX AMSOL	4.97 2.34 4.97	SE SL SE	24.0 oz/a 28.0 oz/a 16.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	15.0 a	99.0 a	99.0 a	99.0 a	99.0 na

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.

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

^Calculated from residual.

University of Georgia

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Iposp Control % Aug-19-24	Amapa Control % Aug-19-24	----- GLYMA YIELD LBS/PLOT Oct-28-24	----- GLYMA YIELD BU/A Oct-28-24
Trt	Treatment	Form	Form	Rate	Grow	Appl	28	29	30	31
No.	Name	Conc	Type	Rate	Unit	Stg				
1	NTC						45.0 bc	0.0 d	0.00 d	0.0 d
2	HM-1899A GROUNDED	7.16	EC	32.0 oz/a 0.83 % v/v	PRE PRE	A A	60.0 abc	73.8 c	2.23 c	17.1 c
3	HM-1899A GROUNDED	7.16	EC	36.0 oz/a 0.83 % v/v	PRE PRE	A A	33.8 bc	88.8 b	2.50 bc	19.2 bc
4	HM-1899A GROUNDED	7.16	EC	40.0 oz/a 0.83 % v/v	PRE PRE	A A	67.5 ab	92.5 ab	3.18 abc	24.4 abc
5	INTIMIDATOR GROUNDED	4.81	EC	48.0 oz/a 0.83 % v/v	PRE PRE	A A	43.8 bc	72.5 c	1.85 c	14.2 c
6	ZALO AGRIDEX AMSOL ZALO AGRIDEX AMSOL	2.52 2.52	SL SL	32.0 oz/a 1.0 % v/v 2.0 % v/v 32.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST POST POST POST	B B B C C C	92.5 a	95.0 ab	4.13 ab	31.8 ab
7	ZALO DUAL II MAGNUM AGRIDEX AMSOL	2.52 7.64	SL EC	32.0 oz/a 21.0 oz/a 1.0 % v/v 2.0 % v/v	EPOST EPOST EPOST EPOST	B B B B	36.3 bc	92.5 ab	2.68 abc	20.6 abc
8	TRICOR SATELLITE HYDROCAP REFLEX CLASSIC INDUCE	4 F 3.8 SC 2 SL 25 DG		8.0 oz/a 24.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	90.0 a	67.5 c	2.73 abc	21.0 abc
9	TRICOR DUAL MAGNUM REFLEX CLASSIC INDUCE	4 F 7.62 EC 2 SL 25 DG		8.0 oz/a 16.0 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	83.8 a	92.3 ab	3.20 abc	24.6 abc
10	TRICOR ZIDUA REFLEX CLASSIC INDUCE	4 F 4.17 SC 2 SL 25 DG		8.0 oz/a 2.5 oz/a 24.0 oz/a 0.5 oz/a 0.25 % v/v	PRE PRE POST POST POST	A A C C C	92.5 a	94.8 ab	4.15 ab	32.0 ab
11	EXP1 LIBERTY AGRIDEX AMSOL	4.97 SE 2.34 SL		32.0 oz/a 28.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST	A C C C	95.0 a	98.0 a	4.45 a	34.3 a
12	EXP1 LIBERTY ROUNDUP POWERMAX AGRIDEX AMSOL	4.97 SE 2.34 SL 5.5 SL		32.0 oz/a 28.0 oz/a 30.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	92.5 a	99.0 a	4.33 a	33.3 a
13	EXP1 LIBERTY EXP1 AGRIDEX AMSOL	4.97 SE 2.34 SL 4.97 SE		24.0 oz/a 28.0 oz/a 16.0 oz/a 1.0 % v/v 2.0 % v/v	PRE POST POST POST POST	A C C C C	95.0 a	99.0 a	4.38 a	33.7 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 1,2,20,27 because error variance is 0.

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

^Calculated from residual.

University of Georgia

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Iposp	Amapa	-----	-----
Crop Code						Control	Control	GLYMA	GLYMA
Rating Data Type						%	%	YIELD	YIELD
Rating Unit						Aug-19-24	Aug-19-24	LBS/PLOT	BU/A
Rating Date								Oct-28-24	Oct-28-24
Trt Treatment	Form Form	Rate	Grow	Appl		28	29	30	31
No. Name	Conc Type	Rate Unit	Stg	Code					
14 NTC						27.5 c	0.0 d	0.00 d	0.0 d
LSD P=.10						35.25	8.65	1.781	13.71
Standard Deviation						29.58	7.26	1.495	11.51
CV						43.37	9.54	52.61	52.61
Grand Mean						68.21	76.11	2.841	21.87
Bartlett's X2^						24.081*	42.642*	20.596	20.596
P(Bartlett's X2)						0.03*	0.00*	0.081	0.081
Replicate F						2.235	0.916	1.918	1.918
Replicate Prob(F)						0.0994	0.4419	0.1426	0.1426
Treatment F						3.162	86.770	3.912	3.912
Treatment Prob(F)						0.0027	0.0001	0.0005	0.0005

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 1,2,20,27 because error variance is 0.

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

^Calculated from residual.

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS	
Trial ID: SB-04A-24	Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM	Investigator: Eric P. Prostko
Rating Unit % = PERCENT ARM Action Codes TY1 = 7.69949425*[30]	

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Amapa Control % May-21-24	Spear Control % May-21-24	Glyma Stunting % May-27-24	Glyma Necrosis % May-27-24	Amapa Control % May-27-24		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5
1	NTC						101		0.0	0.0	0.0	0.0	0.0
							202		0.0	0.0	0.0	0.0	0.0
							310		0.0	0.0	0.0	0.0	0.0
							408		0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0
2	HM-1899A GROUNDED	7.16 EC		32.0 oz/a	PRE	A	102		99.0	99.0	25.0	0.0	99.0
				0.83 % v/v	PRE	A	208		99.0	99.0	0.0	0.0	99.0
							309		99.0	99.0	5.0	0.0	99.0
							411		99.0	99.0	5.0	0.0	99.0
							Mean =		99.0	99.0	8.8	0.0	99.0
3	HM-1899A GROUNDED	7.16 EC		36.0 oz/a	PRE	A	103		99.0	99.0	15.0	0.0	99.0
				0.83 % v/v	PRE	A	213		99.0	99.0	15.0	0.0	99.0
							314		99.0	99.0	0.0	0.0	99.0
							401		99.0	99.0	15.0	0.0	99.0
							Mean =		99.0	99.0	11.3	0.0	99.0
4	HM-1899A GROUNDED	7.16 EC		40.0 oz/a	PRE	A	104		99.0	99.0	30.0	0.0	99.0
				0.83 % v/v	PRE	A	211		99.0	99.0	10.0	0.0	99.0
							305		99.0	99.0	20.0	0.0	99.0
							404		99.0	99.0	5.0	0.0	99.0
							Mean =		99.0	99.0	16.3	0.0	99.0
5	INTIMIDATOR GROUNDED	4.81 EC		48.0 oz/a	PRE	A	105		99.0	99.0	20.0	0.0	99.0
				0.83 % v/v	PRE	A	201		99.0	99.0	0.0	0.0	99.0
							308		99.0	99.0	0.0	0.0	99.0
							405		99.0	99.0	15.0	0.0	99.0
							Mean =		99.0	99.0	8.8	0.0	99.0
6	ZALO AGRIDEX AMSOL	2.52 SL		32.0 oz/a	EPOST	B	106		0.0	0.0	15.0	15.0	99.0
				1.0 % v/v	EPOST	B	203		0.0	0.0	5.0	10.0	99.0
				2.0 % v/v	EPOST	B	312		0.0	0.0	15.0	15.0	99.0
	ZALO AGRIDEX AMSOL	2.52 SL		32.0 oz/a	POST	C	413		0.0	0.0	15.0	10.0	99.0
				1.0 % v/v	POST	C							
				2.0 % v/v	POST	C							
							Mean =		0.0	0.0	12.5	12.5	99.0
7	ZALO DUAL II MAGNUM AGRIDEX AMSOL	2.52 SL		32.0 oz/a	EPOST	B	107		0.0	0.0	15.0	25.0	99.0
		7.64 EC		21.0 oz/a	EPOST	B	212		0.0	0.0	25.0	20.0	99.0
				1.0 % v/v	EPOST	B	306		0.0	0.0	30.0	25.0	99.0
				2.0 % v/v	EPOST	B	414		0.0	0.0	25.0	20.0	99.0
							Mean =		0.0	0.0	23.8	22.5	99.0
8	TRICOR SATELLITE HYDROCAP REFLEX CLASSIC INDUCE	4 F		8.0 oz/a	PRE	A	108		99.0	99.0	0.0	0.0	80.0
		3.8 SC		24.0 oz/a	PRE	A	207		99.0	99.0	10.0	0.0	90.0
		2 SL		24.0 oz/a	POST	C	313		99.0	99.0	10.0	0.0	95.0
		25 DG		0.5 oz/a	POST	C	412		99.0	99.0	15.0	0.0	90.0
				0.25 % v/v	POST	C							
							Mean =		99.0	99.0	8.8	0.0	88.8
9	TRICOR DUAL MAGNUM REFLEX CLASSIC INDUCE	4 F		8.0 oz/a	PRE	A	109		99.0	99.0	25.0	0.0	99.0
		7.62 EC		16.0 oz/a	PRE	A	204		99.0	99.0	10.0	0.0	99.0
		2 SL		24.0 oz/a	POST	C	302		99.0	99.0	0.0	0.0	99.0
		25 DG		0.5 oz/a	POST	C	407		99.0	99.0	5.0	0.0	95.0
				0.25 % v/v	POST	C							
							Mean =		99.0	99.0	10.0	0.0	98.0
10	TRICOR ZIDUA REFLEX CLASSIC INDUCE	4 F		8.0 oz/a	PRE	A	110		99.0	99.0	25.0	0.0	99.0
		4.17 SC		2.5 oz/a	PRE	A	214		99.0	99.0	10.0	0.0	99.0
		2 SL		24.0 oz/a	POST	C	303		99.0	99.0	20.0	0.0	95.0
		25 DG		0.5 oz/a	POST	C	409		99.0	99.0	15.0	0.0	99.0
				0.25 % v/v	POST	C							
							Mean =		99.0	99.0	17.5	0.0	98.0

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Molve Control % May-27-24	Spear Control % May-27-24	Glyma Stunt % Jun-7-24	Glyma Necrosis % Jun-7-24	Amapa Control % Jun-7-24		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	6	7	8	9	10
1	NTC						101		0.0	0.0	0.0	0.0	0.0
							202		0.0	0.0	0.0	0.0	0.0
							310		0.0	0.0	0.0	0.0	0.0
							408		0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0
2	HM-1899A	7.16	EC	32.0 oz/a	PRE	A	102		99.0	99.0	20.0	0.0	99.0
	GROUND			0.83 % v/v	PRE	A	208		99.0	99.0	0.0	0.0	95.0
							309		99.0	99.0	5.0	0.0	95.0
							411		95.0	99.0	5.0	0.0	90.0
							Mean =		98.0	99.0	7.5	0.0	94.8
3	HM-1899A	7.16	EC	36.0 oz/a	PRE	A	103		99.0	99.0	15.0	0.0	95.0
	GROUND			0.83 % v/v	PRE	A	213		99.0	99.0	5.0	0.0	95.0
							314		99.0	99.0	5.0	0.0	85.0
							401		99.0	99.0	5.0	0.0	95.0
							Mean =		99.0	99.0	7.5	0.0	92.5
4	HM-1899A	7.16	EC	40.0 oz/a	PRE	A	104		99.0	99.0	15.0	0.0	95.0
	GROUND			0.83 % v/v	PRE	A	211		95.0	99.0	5.0	0.0	99.0
							305		95.0	99.0	15.0	0.0	99.0
							404		99.0	99.0	10.0	0.0	99.0
							Mean =		97.0	99.0	11.3	0.0	98.0
5	INTIMIDATOR	4.81	EC	48.0 oz/a	PRE	A	105		99.0	99.0	15.0	0.0	95.0
	GROUND			0.83 % v/v	PRE	A	201		99.0	99.0	0.0	0.0	90.0
							308		99.0	99.0	0.0	0.0	95.0
							405		99.0	99.0	10.0	0.0	95.0
							Mean =		99.0	99.0	6.3	0.0	93.8
6	ZALO	2.52	SL	32.0 oz/a	EPOST	B	106		99.0	99.0	10.0	10.0	65.0
	AGRIDEX			1.0 % v/v	EPOST	B	203		95.0	99.0	5.0	0.0	95.0
	AMSOL			2.0 % v/v	EPOST	B	312		99.0	99.0	15.0	5.0	75.0
	ZALO	2.52	SL	32.0 oz/a	POST	C	413		99.0	99.0	10.0	5.0	75.0
	AGRIDEX			1.0 % v/v	POST	C							
	AMSOL			2.0 % v/v	POST	C							
							Mean =		98.0	99.0	10.0	5.0	77.5
7	ZALO	2.52	SL	32.0 oz/a	EPOST	B	107		99.0	99.0	10.0	10.0	95.0
	DUAL II MAGNUM	7.64	EC	21.0 oz/a	EPOST	B	212		99.0	99.0	20.0	5.0	99.0
	AGRIDEX			1.0 % v/v	EPOST	B	306		95.0	99.0	20.0	5.0	99.0
	AMSOL			2.0 % v/v	EPOST	B	414		95.0	99.0	15.0	5.0	95.0
							Mean =		97.0	99.0	16.3	6.3	97.0
8	TRICOR	4	F	8.0 oz/a	PRE	A	108		99.0	99.0	0.0	0.0	60.0
	SATELLITE HYDROCAP	3.8	SC	24.0 oz/a	PRE	A	207		95.0	95.0	0.0	0.0	65.0
	REFLEX	2	SL	24.0 oz/a	POST	C	313		99.0	95.0	5.0	0.0	75.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	412		99.0	95.0	10.0	0.0	65.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		98.0	96.0	3.8	0.0	66.3
9	TRICOR	4	F	8.0 oz/a	PRE	A	109		95.0	99.0	15.0	0.0	70.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	204		95.0	99.0	5.0	0.0	90.0
	REFLEX	2	SL	24.0 oz/a	POST	C	302		99.0	99.0	0.0	0.0	65.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	407		85.0	90.0	10.0	0.0	60.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		93.5	96.8	7.5	0.0	71.3
10	TRICOR	4	F	8.0 oz/a	PRE	A	110		99.0	99.0	20.0	0.0	95.0
	ZIDUA	4.17	SC	2.5 oz/a	PRE	A	214		99.0	99.0	0.0	0.0	85.0
	REFLEX	2	SL	24.0 oz/a	POST	C	303		99.0	99.0	15.0	0.0	75.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	409		99.0	99.0	15.0	0.0	85.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		99.0	99.0	12.5	0.0	85.0

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Molve	Spear	Glyma Stunt	Glyma Necrosis	Amapa
							Control %	Control %	%	%	Control %
							May-27-24	May-27-24	Jun-7-24	Jun-7-24	Jun-7-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	6	7	8	9	10
11	EXP1	4.97	SE	32.0 oz/a	PRE	A 111	99.0	99.0	10.0	0.0	90.0
	LIBERTY	2.34	SL	28.0 oz/a	POST	C 206	99.0	99.0	5.0	0.0	90.0
	AGRIDEX			1.0 % v/v	POST	C 301	99.0	99.0	10.0	0.0	85.0
	AMSOL			2.0 % v/v	POST	C 403	99.0	95.0	15.0	0.0	95.0
						Mean =	99.0	98.0	10.0	0.0	90.0
12	EXP1	4.97	SE	32.0 oz/a	PRE	A 112	99.0	99.0	15.0	0.0	95.0
	LIBERTY	2.34	SL	28.0 oz/a	POST	C 209	99.0	99.0	5.0	0.0	95.0
	ROUNDUP POWERMAX	5.5	SL	30.0 oz/a	POST	C 311	99.0	99.0	5.0	0.0	95.0
	AGRIDEX			1.0 % v/v	POST	C 402	99.0	99.0	5.0	0.0	95.0
	AMSOL			2.0 % v/v	POST	C					
						Mean =	99.0	99.0	7.5	0.0	95.0
13	EXP1	4.97	SE	24.0 oz/a	PRE	A 113	99.0	99.0	5.0	0.0	95.0
	LIBERTY	2.34	SL	28.0 oz/a	POST	C 205	99.0	99.0	5.0	0.0	95.0
	EXP1	4.97	SE	16.0 oz/a	POST	C 304	95.0	99.0	5.0	0.0	95.0
	AGRIDEX			1.0 % v/v	POST	C 406	95.0	99.0	10.0	0.0	85.0
	AMSOL			2.0 % v/v	POST	C					
						Mean =	97.0	99.0	6.3	0.0	92.5
14	NTC					114	0.0	0.0	0.0	0.0	0.0
						210	0.0	0.0	0.0	0.0	0.0
						307	0.0	0.0	0.0	0.0	0.0
						410	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Agrass	Molve	Spear	Glyma Stunt	Glyma Chlorosis		
							Control %	Control %	Control %	%	%		
							Jun-7-24	Jun-7-24	Jun-7-24	Jun-14-24	Jun-14-24		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	11	12	13	14	15
1	NTC						101		0.0	0.0	0.0	0.0	0.0
							202		0.0	0.0	0.0	0.0	0.0
							310		0.0	0.0	0.0	0.0	0.0
							408		0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0
2	HM-1899A	7.16	EC	32.0 oz/a	PRE	A	102		99.0	95.0	99.0	10.0	5.0
	GROUNDED			0.83 % v/v	PRE	A	208		85.0	95.0	99.0	0.0	0.0
							309		95.0	80.0	99.0	0.0	10.0
							411		95.0	95.0	99.0	5.0	10.0
							Mean =		93.5	91.3	99.0	3.8	6.3
3	HM-1899A	7.16	EC	36.0 oz/a	PRE	A	103		99.0	95.0	99.0	10.0	5.0
	GROUNDED			0.83 % v/v	PRE	A	213		99.0	85.0	99.0	0.0	5.0
							314		75.0	50.0	95.0	0.0	0.0
							401		95.0	95.0	99.0	5.0	5.0
							Mean =		92.0	81.3	98.0	3.8	3.8
4	HM-1899A	7.16	EC	40.0 oz/a	PRE	A	104		95.0	85.0	99.0	10.0	0.0
	GROUNDED			0.83 % v/v	PRE	A	211		99.0	65.0	99.0	0.0	5.0
							305		99.0	80.0	99.0	5.0	5.0
							404		99.0	90.0	99.0	5.0	10.0
							Mean =		98.0	80.0	99.0	5.0	5.0
5	INTIMIDATOR	4.81	EC	48.0 oz/a	PRE	A	105		95.0	65.0	99.0	10.0	5.0
	GROUNDED			0.83 % v/v	PRE	A	201		95.0	85.0	99.0	0.0	0.0
							308		85.0	90.0	99.0	0.0	0.0
							405		99.0	65.0	99.0	10.0	5.0
							Mean =		93.5	76.3	99.0	5.0	2.5
6	ZALO	2.52	SL	32.0 oz/a	EPOST	B	106		95.0	40.0	90.0	10.0	5.0
	AGRIDEX			1.0 % v/v	EPOST	B	203		95.0	50.0	99.0	0.0	5.0
	AMSOL			2.0 % v/v	EPOST	B	312		95.0	30.0	85.0	10.0	10.0
	ZALO	2.52	SL	32.0 oz/a	POST	C	413		95.0	30.0	99.0	10.0	15.0
	AGRIDEX			1.0 % v/v	POST	C							
	AMSOL			2.0 % v/v	POST	C							
							Mean =		95.0	37.5	93.3	7.5	8.8
7	ZALO	2.52	SL	32.0 oz/a	EPOST	B	107		99.0	85.0	95.0	0.0	5.0
	DUAL II MAGNUM	7.64	EC	21.0 oz/a	EPOST	B	212		99.0	65.0	99.0	10.0	15.0
	AGRIDEX			1.0 % v/v	EPOST	B	306		99.0	80.0	99.0	10.0	5.0
	AMSOL			2.0 % v/v	EPOST	B	414		95.0	85.0	99.0	10.0	10.0
							Mean =		98.0	78.8	98.0	7.5	8.8
8	TRICOR	4	F	8.0 oz/a	PRE	A	108		95.0	90.0	99.0	0.0	10.0
	SATELLITE HYDROCAP	3.8	SC	24.0 oz/a	PRE	A	207		95.0	50.0	85.0	15.0	15.0
	REFLEX	2	SL	24.0 oz/a	POST	C	313		95.0	60.0	95.0	15.0	15.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	412		95.0	50.0	95.0	20.0	20.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		95.0	62.5	93.5	12.5	15.0
9	TRICOR	4	F	8.0 oz/a	PRE	A	109		90.0	80.0	99.0	15.0	15.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	204		80.0	50.0	99.0	10.0	15.0
	REFLEX	2	SL	24.0 oz/a	POST	C	302		90.0	85.0	99.0	10.0	15.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	407		95.0	50.0	99.0	15.0	15.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		88.8	66.3	99.0	12.5	15.0
10	TRICOR	4	F	8.0 oz/a	PRE	A	110		95.0	90.0	99.0	15.0	15.0
	ZIDUA	4.17	SC	2.5 oz/a	PRE	A	214		95.0	95.0	99.0	10.0	15.0
	REFLEX	2	SL	24.0 oz/a	POST	C	303		80.0	85.0	99.0	20.0	20.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	409		95.0	95.0	99.0	15.0	20.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		91.3	91.3	99.0	15.0	17.5

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS										
Trial ID: SB-04A-24		Study Dir.: GREG ARMEL/ZACH TAYLOR								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code							Agrass	Molve	Spear	
Crop Code							Control	Control	Control	Glyma
Rating Data Type							%	%	%	Stunt
Rating Unit							Jun-7-24	Jun-7-24	Jun-7-24	Jun-14-24
Rating Date										Glyma
										Chlorosis
										%
Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot		
11	EXP1	4.97	SE	32.0	oz/a	PRE	A	111	11	12
	LIBERTY	2.34	SL	28.0	oz/a	POST	C	206	12	13
	AGRIDEX			1.0	% v/v	POST	C	301	13	14
	AMSOL			2.0	% v/v	POST	C	403	14	15
							Mean =			
12	EXP1	4.97	SE	32.0	oz/a	PRE	A	112	80.0	65.0
	LIBERTY	2.34	SL	28.0	oz/a	POST	C	209	90.0	75.0
	ROUNDUP POWERMAX	5.5	SL	30.0	oz/a	POST	C	311	95.0	50.0
	AGRIDEX			1.0	% v/v	POST	C	402	85.0	65.0
	AMSOL			2.0	% v/v	POST	C			99.0
							Mean =			
13	EXP1	4.97	SE	24.0	oz/a	PRE	A	113	80.0	50.0
	LIBERTY	2.34	SL	28.0	oz/a	POST	C	205	65.0	50.0
	EXP1	4.97	SE	16.0	oz/a	POST	C	304	95.0	50.0
	AGRIDEX			1.0	% v/v	POST	C	406	95.0	30.0
	AMSOL			2.0	% v/v	POST	C			99.0
							Mean =			
14	NTC							114	0.0	0.0
								210	0.0	0.0
								307	0.0	0.0
								410	0.0	0.0
							Mean =			
								0.0	0.0	0.0

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Glyma Necrosis %	Amapa Control %	Agrass Control %	Molve Control %	Spear Control %		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	16	17	18	19	20
1	NTC						101		0.0	0.0	0.0	0.0	0.0
							202		0.0	0.0	0.0	0.0	0.0
							310		0.0	0.0	0.0	0.0	0.0
							408		0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0
2	HM-1899A	7.16	EC	32.0 oz/a	PRE	A	102		0.0	95.0	99.0	85.0	99.0
	GROUNDED			0.83 % v/v	PRE	A	208		0.0	85.0	80.0	85.0	99.0
							309		0.0	95.0	99.0	75.0	99.0
							411		0.0	90.0	99.0	85.0	99.0
							Mean =		0.0	91.3	94.3	82.5	99.0
3	HM-1899A	7.16	EC	36.0 oz/a	PRE	A	103		0.0	90.0	99.0	90.0	99.0
	GROUNDED			0.83 % v/v	PRE	A	213		0.0	99.0	99.0	85.0	99.0
							314		0.0	99.0	70.0	50.0	99.0
							401		0.0	99.0	85.0	90.0	99.0
							Mean =		0.0	96.8	88.3	78.8	99.0
4	HM-1899A	7.16	EC	40.0 oz/a	PRE	A	104		0.0	99.0	99.0	75.0	99.0
	GROUNDED			0.83 % v/v	PRE	A	211		0.0	99.0	99.0	60.0	99.0
							305		0.0	99.0	99.0	85.0	99.0
							404		0.0	95.0	99.0	99.0	99.0
							Mean =		0.0	98.0	99.0	79.8	99.0
5	INTIMIDATOR	4.81	EC	48.0 oz/a	PRE	A	105		0.0	95.0	95.0	50.0	99.0
	GROUNDED			0.83 % v/v	PRE	A	201		0.0	75.0	90.0	85.0	99.0
							308		0.0	90.0	90.0	75.0	99.0
							405		0.0	99.0	99.0	50.0	99.0
							Mean =		0.0	89.8	93.5	65.0	99.0
6	ZALO	2.52	SL	32.0 oz/a	EPOST	B	106		5.0	99.0	99.0	99.0	99.0
	AGRIDEX			1.0 % v/v	EPOST	B	203		5.0	99.0	99.0	99.0	99.0
	AMSOL			2.0 % v/v	EPOST	B	312		5.0	99.0	99.0	99.0	99.0
	ZALO	2.52	SL	32.0 oz/a	POST	C	413		5.0	99.0	99.0	99.0	99.0
	AGRIDEX			1.0 % v/v	POST	C							
	AMSOL			2.0 % v/v	POST	C							
							Mean =		5.0	99.0	99.0	99.0	99.0
7	ZALO	2.52	SL	32.0 oz/a	EPOST	B	107		0.0	99.0	99.0	65.0	99.0
	DUAL II MAGNUM	7.64	EC	21.0 oz/a	EPOST	B	212		0.0	99.0	95.0	60.0	99.0
	AGRIDEX			1.0 % v/v	EPOST	B	306		0.0	99.0	99.0	50.0	99.0
	AMSOL			2.0 % v/v	EPOST	B	414		0.0	95.0	95.0	65.0	99.0
							Mean =		0.0	98.0	97.0	60.0	99.0
8	TRICOR	4	F	8.0 oz/a	PRE	A	108		15.0	95.0	90.0	99.0	99.0
	SATELLITE HYDROCAP	3.8	SC	24.0 oz/a	PRE	A	207		15.0	85.0	90.0	99.0	99.0
	REFLEX	2	SL	24.0 oz/a	POST	C	313		15.0	95.0	99.0	99.0	99.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	412		15.0	85.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		15.0	90.0	94.5	99.0	99.0
9	TRICOR	4	F	8.0 oz/a	PRE	A	109		15.0	99.0	95.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	204		10.0	95.0	90.0	99.0	99.0
	REFLEX	2	SL	24.0 oz/a	POST	C	302		15.0	85.0	85.0	99.0	99.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	407		15.0	99.0	85.0	99.0	99.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		13.8	94.5	88.8	99.0	99.0
10	TRICOR	4	F	8.0 oz/a	PRE	A	110		15.0	99.0	99.0	99.0	99.0
	ZIDUA	4.17	SC	2.5 oz/a	PRE	A	214		15.0	99.0	99.0	99.0	99.0
	REFLEX	2	SL	24.0 oz/a	POST	C	303		15.0	99.0	99.0	99.0	99.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	409		15.0	99.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		15.0	99.0	99.0	99.0	99.0

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS										
Trial ID: SB-04A-24		Study Dir.: GREG ARMEL/ZACH TAYLOR								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code							Glyma	Amapa	Agrass	Molve
Crop Code							Necrosis	Control	Control	Control
Rating Data Type							%	%	%	%
Rating Unit							Jun-14-24	Jun-14-24	Jun-14-24	Jun-14-24
Rating Date										
Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot		
11	EXP1	4.97	SE	32.0	oz/a	PRE	A	111	16	17
	LIBERTY	2.34	SL	28.0	oz/a	POST	C	206	18	19
	AGRIDEX			1.0	% v/v	POST	C	301	20	
	AMSOL			2.0	% v/v	POST	C	403		
						Mean =				
12	EXP1	4.97	SE	32.0	oz/a	PRE	A	112	0.0	99.0
	LIBERTY	2.34	SL	28.0	oz/a	POST	C	209	0.0	99.0
	ROUNDUP POWERMAX	5.5	SL	30.0	oz/a	POST	C	311	0.0	99.0
	AGRIDEX			1.0	% v/v	POST	C	402	0.0	99.0
	AMSOL			2.0	% v/v	POST	C		0.0	99.0
						Mean =			3.8	99.0
13	EXP1	4.97	SE	24.0	oz/a	PRE	A	113	20.0	99.0
	LIBERTY	2.34	SL	28.0	oz/a	POST	C	205	20.0	99.0
	EXP1	4.97	SE	16.0	oz/a	POST	C	304	20.0	99.0
	AGRIDEX			1.0	% v/v	POST	C	406	20.0	99.0
	AMSOL			2.0	% v/v	POST	C		20.0	99.0
						Mean =			20.0	99.0
14	NTC							114	0.0	0.0
								210	0.0	0.0
								307	0.0	0.0
								410	0.0	0.0
								Mean =	0.0	0.0

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Glyma Stunt % Jun-24-24	Glyma Chlorosis % Jun-24-24	Glyma Necrosis % Jun-24-24	Amapa Control % Jun-24-24	Agrass Control % Jun-24-24		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	21	22	23	24	25
1	NTC						101		0.0	0.0	0.0	0.0	0.0
							202		0.0	0.0	0.0	0.0	0.0
							310		0.0	0.0	0.0	0.0	0.0
							408		0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0
2	HM-1899A	7.16	EC	32.0 oz/a	PRE	A	102		5.0	0.0	0.0	90.0	95.0
	GROUNDED			0.83 % v/v	PRE	A	208		5.0	10.0	5.0	80.0	70.0
							309		5.0	5.0	0.0	95.0	99.0
							411		0.0	0.0	0.0	85.0	95.0
							Mean =		3.8	3.8	1.3	87.5	89.8
3	HM-1899A	7.16	EC	36.0 oz/a	PRE	A	103		10.0	0.0	0.0	90.0	99.0
	GROUNDED			0.83 % v/v	PRE	A	213		0.0	0.0	0.0	90.0	99.0
							314		10.0	10.0	0.0	95.0	65.0
							401		10.0	10.0	10.0	95.0	50.0
							Mean =		7.5	5.0	2.5	92.5	78.3
4	HM-1899A	7.16	EC	40.0 oz/a	PRE	A	104		0.0	0.0	0.0	95.0	95.0
	GROUNDED			0.83 % v/v	PRE	A	211		0.0	0.0	0.0	90.0	99.0
							305		5.0	15.0	5.0	99.0	99.0
							404		0.0	5.0	5.0	95.0	99.0
							Mean =		1.3	5.0	2.5	94.8	98.0
5	INTIMIDATOR	4.81	EC	48.0 oz/a	PRE	A	105		5.0	0.0	5.0	90.0	95.0
	GROUNDED			0.83 % v/v	PRE	A	201		5.0	0.0	0.0	80.0	90.0
							308		10.0	10.0	5.0	80.0	65.0
							405		5.0	10.0	0.0	95.0	95.0
							Mean =		6.3	5.0	2.5	86.3	86.3
6	ZALO	2.52	SL	32.0 oz/a	EPOST	B	106		0.0	0.0	10.0	99.0	99.0
	AGRIDEX			1.0 % v/v	EPOST	B	203		15.0	10.0	5.0	95.0	99.0
	AMSOL			2.0 % v/v	EPOST	B	312		0.0	5.0	5.0	95.0	99.0
	ZALO	2.52	SL	32.0 oz/a	POST	C	413		15.0	5.0	10.0	99.0	99.0
	AGRIDEX			1.0 % v/v	POST	C							
	AMSOL			2.0 % v/v	POST	C							
							Mean =		7.5	5.0	7.5	97.0	99.0
7	ZALO	2.52	SL	32.0 oz/a	EPOST	B	107		0.0	0.0	5.0	99.0	99.0
	DUAL II MAGNUM	7.64	EC	21.0 oz/a	EPOST	B	212		5.0	5.0	5.0	99.0	99.0
	AGRIDEX			1.0 % v/v	EPOST	B	306		5.0	5.0	0.0	95.0	95.0
	AMSOL			2.0 % v/v	EPOST	B	414		5.0	10.0	0.0	90.0	95.0
							Mean =		3.8	5.0	2.5	95.8	97.0
8	TRICOR	4	F	8.0 oz/a	PRE	A	108		10.0	15.0	15.0	80.0	65.0
	SATELLITE HYDROCAP	3.8	SC	24.0 oz/a	PRE	A	207		15.0	10.0	15.0	85.0	95.0
	REFLEX	2	SL	24.0 oz/a	POST	C	313		10.0	10.0	10.0	85.0	90.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	412		10.0	10.0	10.0	90.0	99.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		11.3	11.3	12.5	85.0	87.3
9	TRICOR	4	F	8.0 oz/a	PRE	A	109		15.0	10.0	10.0	99.0	90.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	204		10.0	5.0	5.0	95.0	95.0
	REFLEX	2	SL	24.0 oz/a	POST	C	302		5.0	10.0	10.0	85.0	80.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	407		15.0	10.0	10.0	80.0	85.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		11.3	8.8	8.8	89.8	87.5
10	TRICOR	4	F	8.0 oz/a	PRE	A	110		15.0	10.0	5.0	99.0	99.0
	ZIDUA	4.17	SC	2.5 oz/a	PRE	A	214		10.0	10.0	10.0	99.0	99.0
	REFLEX	2	SL	24.0 oz/a	POST	C	303		15.0	15.0	10.0	99.0	70.0
	CLASSIC	25	DG	0.5 oz/a	POST	C	409		15.0	10.0	5.0	95.0	95.0
	INDUCE			0.25 % v/v	POST	C							
							Mean =		13.8	11.3	7.5	98.0	90.8

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS										
Trial ID: SB-04A-24		Study Dir.: GREG ARMEL/ZACH TAYLOR								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code							Glyma Stunt %	Glyma Chlorosis %	Glyma Necrosis %	Amapa Control %
Crop Code							Jun-24-24	Jun-24-24	Jun-24-24	Jun-24-24
Rating Data Type										
Rating Unit										
Rating Date										
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	21	22	23	24
11	EXP1	4.97	SE	32.0 oz/a	PRE	A 111	5.0	5.0	0.0	99.0
	LIBERTY	2.34	SL	28.0 oz/a	POST	C 206	5.0	5.0	0.0	95.0
	AGRIDEX			1.0 % v/v	POST	C 301	10.0	5.0	5.0	99.0
	AMSOL			2.0 % v/v	POST	C 403	5.0	5.0	5.0	99.0
						Mean =	6.3	5.0	2.5	98.0
12	EXP1	4.97	SE	32.0 oz/a	PRE	A 112	5.0	10.0	5.0	99.0
	LIBERTY	2.34	SL	28.0 oz/a	POST	C 209	5.0	10.0	10.0	99.0
	ROUNDUP POWERMAX	5.5	SL	30.0 oz/a	POST	C 311	0.0	10.0	10.0	99.0
	AGRIDEX			1.0 % v/v	POST	C 402	10.0	5.0	5.0	99.0
	AMSOL			2.0 % v/v	POST	C				
						Mean =	5.0	8.8	7.5	99.0
13	EXP1	4.97	SE	24.0 oz/a	PRE	A 113	15.0	15.0	20.0	99.0
	LIBERTY	2.34	SL	28.0 oz/a	POST	C 205	10.0	10.0	10.0	99.0
	EXP1	4.97	SE	16.0 oz/a	POST	C 304	0.0	15.0	15.0	99.0
	AGRIDEX			1.0 % v/v	POST	C 406	15.0	20.0	15.0	99.0
	AMSOL			2.0 % v/v	POST	C				
						Mean =	10.0	15.0	15.0	99.0
14	NTC					114	0.0	0.0	0.0	0.0
						210	0.0	0.0	0.0	0.0
						307	0.0	0.0	0.0	0.0
						410	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Molve Control % Jun-24-24	Spear Control % Jun-24-24	Iposp Control % Aug-19-24	Amapa Control % Aug-19-24	----- GLYMA YIELD LBS/PLOT Oct-28-24
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot			
1	NTC						101				
							202				
							310				
							408				
							Mean =				
2	HM-1899A GROUNDED	7.16 EC		32.0 oz/a	PRE	A	102				
				0.83 % v/v	PRE	A	208				
							309				
							411				
							Mean =				
3	HM-1899A GROUNDED	7.16 EC		36.0 oz/a	PRE	A	103				
				0.83 % v/v	PRE	A	213				
							314				
							401				
							Mean =				
4	HM-1899A GROUNDED	7.16 EC		40.0 oz/a	PRE	A	104				
				0.83 % v/v	PRE	A	211				
							305				
							404				
							Mean =				
5	INTIMIDATOR GROUNDED	4.81 EC		48.0 oz/a	PRE	A	105				
				0.83 % v/v	PRE	A	201				
							308				
							405				
							Mean =				
6	ZALO AGRIDEX AMSOL ZALO AGRIDEX AMSOL	2.52 SL		32.0 oz/a	EPOST	B	106				
				1.0 % v/v	EPOST	B	203				
				2.0 % v/v	EPOST	B	312				
		2.52 SL		32.0 oz/a	POST	C	413				
				1.0 % v/v	POST	C					
				2.0 % v/v	POST	C					
							Mean =				
7	ZALO DUAL II MAGNUM AGRIDEX AMSOL	2.52 SL		32.0 oz/a	EPOST	B	107				
		7.64 EC		21.0 oz/a	EPOST	B	212				
				1.0 % v/v	EPOST	B	306				
				2.0 % v/v	EPOST	B	414				
							Mean =				
8	TRICOR SATELLITE HYDROCAP REFLEX CLASSIC INDUCE	4 F		8.0 oz/a	PRE	A	108				
		3.8 SC		24.0 oz/a	PRE	A	207				
		2 SL		24.0 oz/a	POST	C	313				
		25 DG		0.5 oz/a	POST	C	412				
				0.25 % v/v	POST	C					
							Mean =				
9	TRICOR DUAL MAGNUM REFLEX CLASSIC INDUCE	4 F		8.0 oz/a	PRE	A	109				
		7.62 EC		16.0 oz/a	PRE	A	204				
		2 SL		24.0 oz/a	POST	C	302				
		25 DG		0.5 oz/a	POST	C	407				
				0.25 % v/v	POST	C					
							Mean =				
10	TRICOR ZIDUA REFLEX CLASSIC INDUCE	4 F		8.0 oz/a	PRE	A	110				
		4.17 SC		2.5 oz/a	PRE	A	214				
		2 SL		24.0 oz/a	POST	C	303				
		25 DG		0.5 oz/a	POST	C	409				
				0.25 % v/v	POST	C					
							Mean =				

SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS	
Trial ID: SB-04A-24	Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM	Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Molve	Spear	Iposp	Amapa	----- GLYMA YIELD LBS/PLOT Oct-28-24		
							Control %	Control %	Control %	Control %			
							Jun-24-24	Jun-24-24	Aug-19-24	Aug-19-24			
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	26	27	28	29	30
11	EXP1	4.97	SE	32.0	oz/a	PRE	A	111	99.0	99.0	95.0	99.0	5.50
	LIBERTY	2.34	SL	28.0	oz/a	POST	C	206	99.0	99.0	95.0	99.0	3.80
	AGRIDEX			1.0	% v/v	POST	C	301	99.0	99.0	95.0	95.0	3.70
	AMSOL			2.0	% v/v	POST	C	403	99.0	99.0	95.0	99.0	4.80
								Mean =	99.0	99.0	95.0	98.0	4.45
12	EXP1	4.97	SE	32.0	oz/a	PRE	A	112	99.0	99.0	90.0	99.0	4.10
	LIBERTY	2.34	SL	28.0	oz/a	POST	C	209	99.0	99.0	90.0	99.0	3.90
	ROUNDUP POWERMAX	5.5	SL	30.0	oz/a	POST	C	311	99.0	99.0	95.0	99.0	5.30
	AGRIDEX			1.0	% v/v	POST	C	402	99.0	99.0	95.0	99.0	4.00
	AMSOL			2.0	% v/v	POST	C						
								Mean =	99.0	99.0	92.5	99.0	4.33
13	EXP1	4.97	SE	24.0	oz/a	PRE	A	113	99.0	99.0	95.0	99.0	3.40
	LIBERTY	2.34	SL	28.0	oz/a	POST	C	205	99.0	99.0	95.0	99.0	4.10
	EXP1	4.97	SE	16.0	oz/a	POST	C	304	99.0	99.0	95.0	99.0	5.90
	AGRIDEX			1.0	% v/v	POST	C	406	99.0	99.0	95.0	99.0	4.10
	AMSOL			2.0	% v/v	POST	C						
								Mean =	99.0	99.0	95.0	99.0	4.38
14	NTC							114	0.0	0.0	60.0	0.0	0.00
								210	0.0	0.0	0.0	0.0	0.00
								307	0.0	0.0	0.0	0.0	0.00
								410	0.0	0.0	50.0	0.0	0.00
								Mean =	0.0	0.0	27.5	0.0	0.00

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS

Trial ID: SB-04A-24 Study Dir.: GREG ARMEL/ZACH TAYLOR
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							-----
Crop Code							GLYMA
Rating Data Type							YIELD
Rating Unit							BU/A
Rating Date							Oct-28-24
Trt Treatment	Form Form	Rate	Grow	Appl			
No. Name	Conc Type	Rate Unit	Stg	Code Plot			31
1 NTC				101			0.0
				202			0.0
				310			0.0
				408			0.0
				Mean =			0.0
2 HM-1899A	7.16 EC	32.0 oz/a	PRE	A 102			23.9
GROUNDDED		0.83 % v/v	PRE	A 208			0.0
				309			0.0
				411			44.7
				Mean =			17.1
3 HM-1899A	7.16 EC	36.0 oz/a	PRE	A 103			29.3
GROUNDDED		0.83 % v/v	PRE	A 213			19.2
				314			0.0
				401			28.5
				Mean =			19.2
4 HM-1899A	7.16 EC	40.0 oz/a	PRE	A 104			29.3
GROUNDDED		0.83 % v/v	PRE	A 211			0.0
				305			26.9
				404			41.6
				Mean =			24.4
5 INTIMIDATOR	4.81 EC	48.0 oz/a	PRE	A 105			30.0
GROUNDDED		0.83 % v/v	PRE	A 201			0.0
				308			0.0
				405			26.9
				Mean =			14.2
6 ZALO	2.52 SL	32.0 oz/a	EPOST B	106			30.8
AGRIDEX		1.0 % v/v	EPOST B	203			30.8
AMSOL		2.0 % v/v	EPOST B	312			31.6
ZALO	2.52 SL	32.0 oz/a	POST C	413			33.9
AGRIDEX		1.0 % v/v	POST C				
AMSOL		2.0 % v/v	POST C				
				Mean =			31.8
7 ZALO	2.52 SL	32.0 oz/a	EPOST B	107			32.3
DUAL II MAGNUM	7.64 EC	21.0 oz/a	EPOST B	212			15.4
AGRIDEX		1.0 % v/v	EPOST B	306			20.8
AMSOL		2.0 % v/v	EPOST B	414			13.9
				Mean =			20.6
8 TRICOR	4 F	8.0 oz/a	PRE	A 108			28.5
SATELLITE HYDROCAP	3.8 SC	24.0 oz/a	PRE	A 207			28.5
REFLEX	2 SL	24.0 oz/a	POST C	313			0.0
CLASSIC	25 DG	0.5 oz/a	POST C	412			26.9
INDUCE		0.25 % v/v	POST C				
				Mean =			21.0
9 TRICOR	4 F	8.0 oz/a	PRE	A 109			32.3
DUAL MAGNUM	7.62 EC	16.0 oz/a	PRE	A 204			30.0
REFLEX	2 SL	24.0 oz/a	POST C	302			36.2
CLASSIC	25 DG	0.5 oz/a	POST C	407			0.0
INDUCE		0.25 % v/v	POST C				
				Mean =			24.6
10 TRICOR	4 F	8.0 oz/a	PRE	A 110			38.5
ZIDUA	4.17 SC	2.5 oz/a	PRE	A 214			38.5
REFLEX	2 SL	24.0 oz/a	POST C	303			29.3
CLASSIC	25 DG	0.5 oz/a	POST C	409			21.6
INDUCE		0.25 % v/v	POST C				
				Mean =			32.0

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS							
Trial ID: SB-04A-24		Study Dir.: GREG ARMEL/ZACH TAYLOR					
Location: PONDER FARM		Investigator: Eric P. Prostko					
Weed Code						-----	
Crop Code						GLYMA	
Rating Data Type						YIELD	
Rating Unit						BU/A	
Rating Date						Oct-28-24	
Trt	Treatment	Form	Form	Rate	Grow	Appl	
No.	Name	Conc	Type	Rate	Unit	Stg	Code Plot
11	EXP1	4.97	SE	32.0	oz/a	PRE	A 111
	LIBERTY	2.34	SL	28.0	oz/a	POST	C 206
	AGRIDEX			1.0	% v/v	POST	C 301
	AMSOL			2.0	% v/v	POST	C 403
						Mean =	34.3
12	EXP1	4.97	SE	32.0	oz/a	PRE	A 112
	LIBERTY	2.34	SL	28.0	oz/a	POST	C 209
	ROUNDUP POWERMAX	5.5	SL	30.0	oz/a	POST	C 311
	AGRIDEX			1.0	% v/v	POST	C 402
	AMSOL			2.0	% v/v	POST	C
						Mean =	33.3
13	EXP1	4.97	SE	24.0	oz/a	PRE	A 113
	LIBERTY	2.34	SL	28.0	oz/a	POST	C 205
	EXP1	4.97	SE	16.0	oz/a	POST	C 304
	AGRIDEX			1.0	% v/v	POST	C 406
	AMSOL			2.0	% v/v	POST	C
						Mean =	33.7
14	NTC						114
							210
							307
							410
						Mean =	0.0

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SINISTER NEXUS (HM-1899A)/ZALO/EXP1 IN SOYBEANS	
Trial ID: SB-04A-24	Study Dir.: GREG ARMEL/ZACH TAYLOR
Location: PONDER FARM	Investigator: Eric P. Prostko
Rating Unit % = PERCENT ARM Action Codes TY1 = 7.69949425*[30]	