

University of Georgia

SOYBEAN RESPONSE TO HPPD HERBICIDES - 60 DAT
YEAR 2
Trial ID: SB-02-24 Study Dir.: NICK SHAY/GA SOYBEAN COMMISSION
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 Unit	Form Type	Rate	Grow Unit	Appl Stg	Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC									-	101	203	305	403
2	CALLISTO	4	SC	SC	3.0 oz/a	PRE	A		2.344 mL/mx	1497.7 mL	102	201	303	402
3	LAUDIS	3.5	SC	SC	3.0 oz/a	PRE	A		2.344 mL/mx	1497.7 mL	103	205	301	405
4	IMPACT	2.8	SC	SC	1.25 oz/a	PRE	A		0.9766 mL/mx	1499 mL	104	202	304	401
5	SHIELDEX	3.33	SC	SC	1.35 oz/a	PRE	A		1.055 mL/mx	1498.9 mL	105	204	302	404

Sort Order: Treatment

Trial Comments

LAST TILLAGE: 04/08/24

PLANTING DATE: 06/07/23

MAINTAINED WEED-FREE:
04/08/24: ROUNDUP POWERMAX3 @ 32 OZ/A + VALOR EZ @ 3 OZ/A + PROWL H2O @ 32 OZ/A
05/04/24: RUPMAX3 @ 64 OZ/A + ZIDUA @ 2 OZ/A
05/23/24: RUPMAX3 @ 50 OZ/A + PURSUIT @ 4 OZ/A
06/17/24: RUPMAX3 @ 32 OZ/A + LIBERTY @ 22 OZ/A + DUAL MAGNUM @ 16 OZ/A
06/25/24: RUPMAX3 @ 32 OZ/A
08/12/24: BORON @ 32 OZ/A+ DIMILIN @ 2 OZ/A + ALTO @ 5 OZ/A
10/15/24: GRAMOXONE @ 16 OZ/A + MSO @ 1% V/V

CURRENT SOYBEAN ROTATION RESTRICTIONS:
CALLISTO = 10 MONTHS
LAUDIS = 8 MONTHS
IMPACT = 9 MONTHS
SHIELDEX = 9 MONTHS

SIGNIFICANT SOYBEAN GREEN STEM SYNDROME PROHIBITED A TIMLEY HARVEST.

HARVEST DATE#1 Plots 101, 303, 401: 11/04/24 HARVEST DATE#2: 11/16/24#1 = 14.4; #2 = 17.6
HARVEST MOISTURE: #1 = 14.3; #2 = 17.6
YIELDS ADJUSTED TO 13%

MISSING YIELD DATA IN PLOT #201 DUE TO GREEN STEM HARVEST PROBLEMS.

SUMMARY:
1) SOYBEAN STAND WAS NOT REDUCED BY ANY HPPD HERBICIDE (P=0.1639)
2) IMPACT AND SHIELDEX CAUSED SIGNIFICANT SOYBEAN INJURY (STUNTING AND CHLOROSIS). GENERALLY, IMPACT WAS MORE INJURIOUS THAN SHIELDEX.
3) IMPACT AND SHEILDEX CAUSED SIGNIFICANT SOYBEAN HEIGHT REDUCTIONS (5-16%).
4) CALLISTO AND LAUDIS HAD NO EFFECT ON SOYBEAN YIELD.
5) SOYBEAN YIELDS WERE REDUCED BY IMPACT (-19.9%) AND SHIELDEX (-15.7%).

Study Director: NICK SHAY Title: _____
Affiliation: _____
Postal Code: _____

GENERAL TRIAL INFORMATION

University of Georgia

SOYBEAN RESPONSE TO HPPD HERBICIDES - 60 DAT
YEAR 2
Trial ID: SB-02-24 Study Dir.: NICK SHAY/GA SOYBEAN COMMISSION
Location: PONDER FARM Investigator: Eric P. Prostko

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

TRIAL LOCATION
City: _____ Trial Status: _____ E
State/Prov.: _____ Trial Reliability: _____
Postal Code: _____ Initiation Date: _____
Country: _____ Planned Completion Date: _____
E-Longitude of LL Corner °: _____ N-Latitude of LL Corner °: _____
Altitude of LL Corner: _____ Unit: _____ Angle y-axis to North °: _____
Directions: _____

COOPERATOR/LANDOWNER
Cooperator: _____ Country: _____
Org: _____ Phone No: _____
Address 1: _____ Fax No: _____
Address 2: _____
City: _____
State/Prov: _____
Postal Code: _____

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.			

Crop 1: GLYMA SOYBEAN Variety: ASGROW AG66XF2
Planting Date: Jun-7-24 Planting Method: GP 3P605NT DRILL
Rate: 126000 S/A Depth: 1.25 IN Perennial Age: _____
Row Spacing: 15 IN Spacing Within Row: _____ Seed Bed: _____
Soil Temperature: _____ Soil Moisture: NORMAL Emergence Date: _____

SITE AND DESIGN
Plot Width, Unit: 6 FT Plot Length, Unit: 25 FT Reps: 4
Site Type: _____
Tillage Type: CONVENTIONAL Study Design: RACOB

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	FALLOW		2023

MAINTENANCE
Field Prep./Maintenance: 1000 LBS/A 5-15-30 PREPLANT

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

SOIL DESCRIPTION
% Sand: 92 % OM: 0.53 Texture: SAND
% Silt: 6 pH: 7.0 Soil Name: DOTHAN
% Clay: 2 CEC: 2.6 Fert. Level: GOOD

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Trial ID: SB-02-24

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Location: PONDER FARM

Investigator: Eric P. Prostko

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	Apr-10-24		0.2	IN	SPRINKLER - LATERAL MOVE		
2.	Apr-10-24		2.71	IN	RAINFALL		
3.	Apr-11-24		1.78	IN	RAINFALL		
4.	Apr-21-24		1.0	IN	RAINFALL		
5.	May-4-24		0.9	IN	RAINFALL		
6.	May-9-24		0.75	IN	RAINFALL		
7.	May-10-24		0.75	IN	RAINFALL		
8.	May-13-24		1.1	IN	RAINFALL		
9.	May-17-24		0.96	IN	RAINFALL		
10.	May-18-24		1.35	IN	RAINFALL		
11.	May-19-24		0.69	IN	RAINFALL		
12.	May-25-24		0.44	IN	RAINFALL		
13.	May-27-24		0.62	IN	RAINFALL		
14.	Jun-3-24		0.5	IN	SPRINKLER - LATERAL MOVE		
15.	Jun-4-24		0.4	IN	SPRINKLER - LATERAL MOVE		
16.	Jun-7-24		0.25	IN	SPRINKLER - LATERAL MOVE		
17.	Jun-10-24		0.25	IN	SPRINKLER - LATERAL MOVE		
18.	Jun-11-24		0.45	IN	SPRINKLER - LATERAL MOVE		
19.	Jun-27-24		0.9	IN	RAINFALL		
20.	Jun-29-24		0.5	IN	RAINFALL		
21.	Jul-2-24		0.5	IN	RAINFALL		

Overall Moisture Conditions: _____

Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A
Application Date:	Apr-9-24
Time of Day:	7:00 AM
Application Method:	BROADCAST
Application Timing:	PRE
Applic. Placement:	SOIL
Air Temp., Unit:	60 F
% Relative Humidity:	89
Wind Velocity, Unit:	3 MPH
Dew Presence (Y/N):	N
Water Hardness:	--
Soil Temp., Unit:	60 F
Soil Moisture:	OPTIMUM
% Cloud Cover:	60

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CROP STAGE AT EACH APPLICATION	
	A
Crop 1 Code, Stage:	GLYMA,
Stage Scale:	
Height, Unit:	

WEED STAGE AT EACH APPLICATION	
	A
Weed 1 Code, Stage:	
Stage Scale:	
Density, Unit:	

APPLICATION EQUIPMENT	
	A
Appl. Equipment:	BACKPACK
Operating Pressure:	35
Nozzle Type:	AIXR
Nozzle Size:	11002
Nozzle Spacing, Unit:	20 IN
Nozzles/Row:	
Band Width, Unit:	
Boom Length, Unit:	60 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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Trial ID: SB-02-24 Study Dir.: NICK SHAY/GA SOYBEAN COMMISSION
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code Rating Data Type									Glyma STAND	Glyma Stunt	Glyma Chlorosis	Glyma Hgt1	Glyma Hgt2	Glyma Hgt3	Glyma Hgt4
Rating Unit Rating Date									#/5 FT Jun-26-24	% Jun-26-24	% Jun-26-24	Inches Jul-1-24	Inches Jul-1-24	Inches Jul-1-24	Inches Jul-1-24
Trt	Treatment	Form	Form	Form	Rate	Grow	Appl		1	2	3	4	5	6	7
No.	Name	Conc	Unit	Type	Rate	Unit	Stg	Code							
1	NTC								13.0 -	0.0 b	0.0 c	7.0 bc	7.8 a	8.5 a	7.5 -
2	CALLISTO	4	SC	SC	3.0 oz/a	PRE	A		10.5 -	0.0 b	1.3 c	8.5 a	7.8 a	8.0 ab	8.0 -
3	LAUDIS	3.5	SC	SC	3.0 oz/a	PRE	A		13.3 -	0.0 b	6.3 c	7.5 ab	7.0 ab	7.3 bc	7.5 -
4	IMPACT	2.8	SC	SC	1.25 oz/a	PRE	A		13.0 -	15.0 a	48.8 a	6.3 cd	6.0 b	6.3 d	7.0 -
5	SHIELDDEX	3.33	SC	SC	1.35 oz/a	PRE	A		11.8 -	12.5 a	26.3 b	5.8 d	7.0 ab	7.0 cd	7.3 -
LSD P=.10									2.09	4.74	9.06	1.10	1.09	0.84	1.14
Standard Deviation									1.66	3.76	7.19	0.87	0.86	0.66	0.90
CV									13.5	68.43	43.56	12.44	12.13	8.98	12.13
Grand Mean									12.30	5.50	16.50	7.00	7.10	7.40	7.45
Bartlett's X2^									5.68	1.479	1.936	6.772	1.94	2.29	2.544
P(Bartlett's X2)									0.224	0.83	0.747	0.148	0.747	0.683	0.637
Replicate F									0.653	2.471	1.323	0.176	0.270	0.906	1.204
Replicate Prob(F)									0.5965	0.1119	0.3127	0.9107	0.8461	0.4670	0.3501
Treatment F									1.967	16.235	33.774	6.099	2.798	6.962	0.673
Treatment Prob(F)									0.1639	0.0001	0.0001	0.0065	0.0748	0.0039	0.6230

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.

Missing data estimates are included in columns: Average=16,17,18

^Calculated from residual.

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SOYBEAN RESPONSE TO HPPD HERBICIDES - 60 DAT YEAR 2

Trial ID: SB-02-24 Study Dir.: NICK SHAY/GA SOYBEAN COMMISSION
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code Rating Data Type								Glyma Hgt5	GLYMA HGT-AVG	Glyma Hgt1	Glyma Hgt2	Glyma Hgt3	Glyma Hgt4	Glyma Hgt5
Rating Unit Rating Date								INCHES Jul-1-24	INCHES Jul-1-24	In Aug-7-24	In Aug-7-24	In Aug-7-24	In Aug-7-24	In Aug-7-24
Trt	Treatment	Form	Form	Form	Rate	Grow	Appl	8	9	10	11	12	13	14
No.	Name	Conc	Unit	Type	Rate	Unit	Stg	Code						
1	NTC								7.5 -	7.7 ab	37.0 b	38.3 ab	38.3 ab	38.3 -
2	CALLISTO	4	SC	SC	3.0 oz/a	PRE	A		7.8 -	8.0 a	39.5 a	39.5 ab	39.5 a	39.8 -
3	LAUDIS	3.5	SC	SC	3.0 oz/a	PRE	A		7.3 -	7.3 bc	38.0 ab	40.3 a	40.0 a	38.8 -
4	IMPACT	2.8	SC	SC	1.25 oz/a	PRE	A		7.0 -	6.5 d	33.8 c	35.0 c	36.5 b	34.8 -
5	SHIELDDEX	3.33	SC	SC	1.35 oz/a	PRE	A		6.5 -	6.7 cd	34.0 c	37.5 bc	36.8 b	36.0 -
LSD P=.10								1.07	0.67	2.27	2.73	2.38	3.46	3.67
Standard Deviation								0.85	0.53	1.80	2.17	1.89	2.74	2.91
CV								11.83	7.3	4.93	5.7	4.94	7.32	7.82
Grand Mean								7.20	7.23	36.45	38.10	38.20	37.50	37.20
Bartlett's X2^								1.213	4.911	5.472	5.94	0.629	4.725	3.645
P(Bartlett's X2)								0.876	0.297	0.242	0.204	0.96	0.317	0.456
Replicate F								1.287	1.060	3.397	1.770	2.511	0.646	0.552
Replicate Prob(F)								0.3234	0.4023	0.0536	0.2063	0.1082	0.6002	0.6566
Treatment F								1.276	5.699	7.825	3.520	2.789	2.257	1.292
Treatment Prob(F)								0.3328	0.0083	0.0024	0.0402	0.0753	0.1236	0.3274

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

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Missing data estimates are included in columns: Average=16,17,18

^Calculated from residual.

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SOYBEAN RESPONSE TO HPPD HERBICIDES - 60 DAT YEAR 2

Trial ID: SB-02-24 Study Dir.: NICK SHAY/GA SOYBEAN COMMISSION
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code Rating Data Type Rating Unit Rating Date								GLYMA HGT-AVG INCHES Aug-7-24	GLYMA YIELD LBS/PLOT Nov-16-24	GLYMA MOISTURE % Nov-16-24	GLYMA YIELD BU/A Nov-16-24
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Grow Unit	Appl Stg Code	15	16	17	18
1	NTC							38.0 ab	10.80 a	16.78 -	80.1 a
2	CALLISTO	4	SC	SC	3.0 oz/a	PRE	A	39.4 a	11.37 a	17.60 -	83.4 a
3	LAUDIS	3.5	SC	SC	3.0 oz/a	PRE	A	39.1 a	10.75 a	16.78 -	79.8 ab
4	IMPACT	2.8	SC	SC	1.25 oz/a	PRE	A	35.0 c	8.65 b	16.78 -	64.2 c
5	SHIELDEX	3.33	SC	SC	1.35 oz/a	PRE	A	36.1 bc	9.20 b	17.60 -	67.5 bc
LSD P=.10								2.02	1.524	1.831	12.44
Standard Deviation								1.60	1.200	1.442	9.80
CV								4.27	11.82	8.43	13.07
Grand Mean								37.49	10.153	17.105	74.97
Bartlett's X2^								0.966	0.439	127.056*	0.633
P(Bartlett's X2)								0.915	0.979	0.00*	0.959
Replicate F								2.105	0.346	0.262	0.299
Replicate Prob(F)								0.1531	0.7925	0.8514	0.8255
Treatment F								5.721	3.758	0.393	3.046
Treatment Prob(F)								0.0082	0.0366	0.8096	0.0644

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

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Missing data estimates are included in columns: Average=16,17,18

^Calculated from residual.

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Trial ID: SB-02-24	Study Dir.: NICK SHAY/GA SOYBEAN COMMISSION
Location: PONDER FARM	Investigator: Eric P. Prostko
Rating Unit % = PERCENT In = INCH ARM Action Codes T1 = ([C4]+[C5]+[C6]+[C7]+[C8])/5 T2 = ([11]+[12]+[13]+[14]+[10])/5 TY3 = 7.744*[16]*(100-@MVAVGREP([17]))/87	

University of Georgia

SOYBEAN RESPONSE TO HPPD HERBICIDES - 60 DAT																
YEAR 2																
Trial ID: SB-02-24				Study Dir.: NICK SHAY/GA SOYBEAN COMMISSION												
Location: PONDER FARM				Investigator: Eric P. Prostko												
Crop Code Rating Data Type Rating Unit Rating Date									Glyma STAND #/5 FT Jun-26-24	Glyma Stunt % Jun-26-24	Glyma Chlorosis % Jun-26-24	Glyma Hgt1 Inches Jul-1-24	Glyma Hgt2 Inches Jul-1-24	Glyma Hgt3 Inches Jul-1-24	Glyma Hgt4 Inches Jul-1-24	
Trt	Treatment	Form	Form	Form	Rate	Grow	Appl									
No.	Name	Conc	Unit	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6	7
1	NTC								101	12.0	0.0	0.0	7.0	8.0	8.0	6.0
									203	15.0	0.0	0.0	7.0	7.0	8.0	8.0
									305	13.0	0.0	0.0	7.0	9.0	8.0	8.0
									403	12.0	0.0	0.0	7.0	7.0	10.0	8.0
									Mean =	13.0	0.0	0.0	7.0	7.8	8.5	7.5
2	CALLISTO	4	SC	SC	3.0 oz/a	PRE	A		102	12.0	0.0	5.0	8.0	8.0	8.0	9.0
									201	13.0	0.0	0.0	9.0	8.0	8.0	8.0
									303	9.0	0.0	0.0	9.0	7.0	8.0	7.0
									402	8.0	0.0	0.0	8.0	8.0	8.0	8.0
									Mean =	10.5	0.0	1.3	8.5	7.8	8.0	8.0
3	LAUDIS	3.5	SC	SC	3.0 oz/a	PRE	A		103	14.0	0.0	0.0	8.0	7.0	7.0	8.0
									205	13.0	0.0	15.0	8.0	8.0	8.0	8.0
									301	13.0	0.0	5.0	6.0	6.0	7.0	6.0
									405	13.0	0.0	5.0	8.0	7.0	7.0	8.0
									Mean =	13.3	0.0	6.3	7.5	7.0	7.3	7.5
4	IMPACT	2.8	SC	SC	1.25 oz/a	PRE	A		104	13.0	25.0	40.0	7.0	6.0	7.0	8.0
									202	12.0	15.0	40.0	7.0	7.0	6.0	7.0
									304	14.0	10.0	65.0	6.0	6.0	6.0	7.0
									401	13.0	10.0	50.0	5.0	5.0	6.0	6.0
									Mean =	13.0	15.0	48.8	6.3	6.0	6.3	7.0
5	SHIELDEX	3.33	SC	SC	1.35 oz/a	PRE	A		105	14.0	20.0	25.0	5.0	6.0	6.0	7.0
									204	10.0	15.0	20.0	5.0	7.0	7.0	8.0
									302	10.0	10.0	40.0	6.0	7.0	7.0	6.0
									404	13.0	5.0	20.0	7.0	8.0	8.0	8.0
									Mean =	11.8	12.5	26.3	5.8	7.0	7.0	7.3

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Crop Code Rating Data Type Rating Unit Rating Date									Glyma Hgt5 INCHES Jul-1-24	GLYMA HGT-AVG INCHES Jul-1-24	Glyma Hgt1 In Aug-7-24	Glyma Hgt2 In Aug-7-24	Glyma Hgt3 In Aug-7-24	Glyma Hgt4 In Aug-7-24	
Trt	Treatment	Form	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Unit	Type	Rate	Unit	Stg	Code	Plot	8	9	10	11	12	13
1	NTC							101		7.0	7.2	36.0	37.0	37.0	38.0
								203	8.0	7.6	39.0	39.0	38.0	36.0	
								305	8.0	8.0	38.0	40.0	39.0	39.0	
								403	7.0	7.8	35.0	37.0	39.0	40.0	
								Mean =	7.5	7.7	37.0	38.3	38.3	38.3	
2	CALLISTO	4	SC	SC	3.0 oz/a	PRE	A	102		7.0	8.0	41.0	40.0	38.0	41.0
								201	8.0	8.2	40.0	40.0	42.0	43.0	
								303	7.0	7.6	39.0	39.0	39.0	36.0	
								402	9.0	8.2	38.0	39.0	39.0	39.0	
								Mean =	7.8	8.0	39.5	39.5	39.5	39.8	
3	LAUDIS	3.5	SC	SC	3.0 oz/a	PRE	A	103		8.0	7.6	39.0	42.0	42.0	41.0
								205	8.0	8.0	40.0	41.0	42.0	40.0	
								301	6.0	6.2	36.0	38.0	36.0	35.0	
								405	7.0	7.4	37.0	40.0	40.0	39.0	
								Mean =	7.3	7.3	38.0	40.3	40.0	38.8	
4	IMPACT	2.8	SC	SC	1.25 oz/a	PRE	A	104		6.0	6.8	36.0	35.0	35.0	30.0
								202	7.0	6.8	36.0	36.0	36.0	34.0	
								304	8.0	6.6	29.0	32.0	36.0	38.0	
								401	7.0	5.8	34.0	37.0	39.0	37.0	
								Mean =	7.0	6.5	33.8	35.0	36.5	34.8	
5	SHIELDEX	3.33	SC	SC	1.35 oz/a	PRE	A	105		6.0	6.0	34.0	38.0	36.0	35.0
								204	8.0	7.0	35.0	38.0	39.0	37.0	
								302	6.0	6.4	31.0	32.0	33.0	34.0	
								404	6.0	7.4	36.0	42.0	39.0	38.0	
								Mean =	6.5	6.7	34.0	37.5	36.8	36.0	

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YEAR 2														
Trial ID: SB-02-24				Study Dir.: NICK SHAY/GA SOYBEAN COMMISSION										
Location: PONDER FARM				Investigator: Eric P. Prostko										
Crop Code Rating Data Type Rating Unit Rating Date									Glyma Hgt5 In Aug-7-24	GLYMA HGT-AVG INCHES Aug-7-24	GLYMA YIELD LBS/PLOT Nov-16-24	GLYMA MOISTURE % Nov-16-24	GLYMA YIELD BU/A Nov-16-24	
Trt	Treatment	Form	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Unit	Type	Rate	Unit	Stg	Code	Plot	14	15	16	17	18
1	NTC								101	38.0	37.2	11.50	14.30	87.7
									203	36.0	37.6	10.70	17.60	78.5
									305	39.0	39.0	9.60	17.60	70.4
									403	39.0	38.0	11.40	17.60	83.6
									Mean =	38.0	38.0	10.80	16.78	80.1
2	CALLISTO	4	SC	SC	3.0 oz/a	PRE	A		102	39.0	39.8	10.90	17.60	79.9
									201	40.0	41.0	.	.	.
									303	35.0	37.6	13.00	17.60	95.3
									402	40.0	39.0	10.20	17.60	74.8
									Mean =	38.5	39.4	11.37	17.60	83.4
3	LAUDIS	3.5	SC	SC	3.0 oz/a	PRE	A		103	41.0	41.0	10.90	17.60	79.9
									205	38.0	40.2	9.50	17.60	69.7
									301	36.0	36.2	12.60	14.30	96.1
									405	39.0	39.0	10.00	17.60	73.3
									Mean =	38.5	39.1	10.75	16.78	79.8
4	IMPACT	2.8	SC	SC	1.25 oz/a	PRE	A		104	32.0	33.6	7.80	17.60	57.2
									202	30.0	34.4	8.90	17.60	65.3
									304	38.0	34.6	8.10	17.60	59.4
									401	39.0	37.2	9.80	14.30	74.8
									Mean =	34.8	35.0	8.65	16.78	64.2
5	SHIELDEX	3.33	SC	SC	1.35 oz/a	PRE	A		105	35.0	35.6	8.60	17.60	63.1
									204	40.0	37.8	10.30	17.60	75.5
									302	34.0	32.8	9.70	17.60	71.1
									404	36.0	38.2	8.20	17.60	60.1
									Mean =	36.3	36.1	9.20	17.60	67.5

University of Georgia

SOYBEAN RESPONSE TO HPPD HERBICIDES - 60 DAT YEAR 2	
Trial ID: SB-02-24	Study Dir.: NICK SHAY/GA SOYBEAN COMMISSION
Location: PONDER FARM Investigator: Eric P. Prostko	
Rating Unit	
% = PERCENT	
In = INCH	
ARM Action Codes	
T1 = ([C4]+[C5]+[C6]+[C7]+[C8])/5	
T2 = ([11]+[12]+[13]+[14]+[10])/5	
TY3 = 7.744*[16]*(100-@MVAVGREP([17]))/87	