

The Ohio State University

Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

General Trial Information

Trial Initiation Date: Jun-1-2021 **Protocol Edition No.:** 1.01
Trial Status: A **Trial Status Date:** Apr-7-2021
Last change done by: Dr. Mark M. Loux

1

TD Number(s): LOCALCREATED

License User: Dr. Mark M. Loux

Protocol Developer: Goddard, Matthew

Trial Officer: EXTERN

Site and Design

Field Name: E-2
City: South Charleston
Postal Code: 45368
County: Clark
State/Province: OHIO
Country: USA

Latitude, Longitude of Trial Corners

Lower Left
Latitude: 39.85874
Longitude: -83.66981
No. of Replicates: 1
Plot Width: 3.048 m
Plot Area: 185.8 m²
No. of Treatments: 7
Plot Length: 60.96 m
No. of Plots: 7

Trial Design: RACOB

Previous Crops and Agricultural Chemicals

Previous Crops **Year**
 ZEAMX C BCOR 2020

Soil Description

Soil Name: Kokomo
Texture: L **% Sand:** 44 **% Silt:** 43
% Clay: 13
% Organic Matter: 4.1
pH: 6.1 **Cation Exchange Capacity:** 18.7
Fertility Level: G
Soil Drainage: G

Crop Description

Crop 1: GLXMA **Discipline:** C **Crop Scale:** BSOY **Use Group:** P
 Glycine max (L.) MERR.
 Soybean
Variety: AG27XF1
Variety Characteristic: RR+LL+DIC
Seed Treatment Products: STANDARD FI-ILEVO
Seed/Planting Date: Jun-1-2021
Depth: 3.81 CM **Seed/Plant Count:** 432400 S/HA
Planted/Harvested Width: 6.25 FT **Rows Per Plot:** 7
Planted/Harvested Length: 200 FT
Row Spacing: 38.1 CM
Planting Method: PLANTD
Planting Implement: FE **Seed Bed:** MEDIUM
Plant arrangement: ROW **Soil Temperature:** 17.22 C
Emergence Crop Date: Jun-15-2021 **Soil Moisture (at Planting):** SLIDRY
Harvest Date: Oct-13-2021
Crop 2: GLXMA **Discipline:** C **Crop Scale:** BSOY **Use Group:** P
 Glycine max (L.) MERR.
 Soybean
Variety: AG35XF1
Variety Characteristic: RR+LL+DIC
% Germination: 90
Seed Treatment Products: STANDARD FI-ILEVO
Seed/Planting Date: Jun-1-2021
Depth: 3.81 CM **Seed/Plant Count:** 432400 S/HA
Rows Per Plot: 7
Row Spacing: 38.1 CM

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Planting Method: PLANTD Planting Implement: FE Plant arrangement: ROW Emergence Crop Date: Jun-15-2021 Crop 3: GLXMA Discipline: C Glycine max (L.) MERR. Soybean Variety: AG38XF1 Variety Characteristic: RR+LL+DIC % Germination: 90 Seed Treatment Products: STANDARD FI-ILEVO Seed/Planting Date: Jun-1-2021 Depth: 3.81 CM	Seed Bed: MEDIUM Soil Temperature: 17.22 C Soil Moisture (at Planting): SLIDRY Use Group: P Crop Scale: BSOY
Planting Method: PLANTD Planting Implement: FE Plant arrangement: ROW Emergence Crop Date: Jun-15-2021 Crop 4: GLXMA Discipline: C Glycine max (L.) MERR. Soybean Variety: P34T21SE Variety Characteristic: 2,4-D+RR+LL Seed Bag No.: 4745249 % Germination: 90 Seed Treatment Products: Lumigen, Lumisena, Ilevo Seed/Planting Date: Jun-1-2021 Depth: 3.81 CM	Seed Bed: MEDIUM Soil Temperature: 17.22 C Soil Moisture (at Planting): SLIDRY Use Group: P Crop Scale: BSOY Seed Lot No.: A3PGI348-00-1169 1000 Grain Weight: 0.38 LB Seed/Plant Count: 432400 S/HA Rows Per Plot: 7 Row Spacing: 38.1 CM
Planting Method: PLANTD Planting Implement: FE Plant arrangement: ROW Emergence Crop Date: Jun-15-2021 Crop 5: GLXMA Discipline: C Glycine max (L.) MERR. Soybean Variety: B320EE Variety Characteristic: 2,4-D+RR+LL Seed Bag No.: 4672238 % Germination: 90 Seed Treatment Products: Lumigen, Lumisena, Ilevo Seed/Planting Date: Jun-1-2021 Depth: 3.81 CM	Seed Bed: MEDIUM Soil Temperature: 17.22 C Soil Moisture (at Planting): SLIDRY Use Group: P Crop Scale: BSOY Seed Lot No.: A3GRA13061-DYS-9907 1000 Grain Weight: .378 LB Seed/Plant Count: 432400 S/HA Rows Per Plot: 7 Row Spacing: 38.1 CM
Planting Method: PLANTD Planting Implement: FE Plant arrangement: ROW Emergence Crop Date: Jun-15-2021 Crop 6: GLXMA Discipline: C Glycine max (L.) MERR. Soybean Variety: SC 7320E Variety Characteristic: 2,4-D+RR+LL % Germination: 90 Seed Treatment Products: LUMIGEN, LUMISENA, ILEVO Seed/Planting Date: May-15-2021 Depth: 3.81 CM	Seed Bed: MEDIUM Soil Temperature: 17.22 C Soil Moisture (at Planting): SLIDRY Use Group: P Crop Scale: BSOY 1000 Grain Weight: 0.35 LB Seed/Plant Count: 432400 S/HA Rows Per Plot: 7 Row Spacing: 38.1 CM
Planting Method: PLANTD Planting Implement: FE Plant arrangement: ROW Emergence Crop Date: Jun-15-2021	Seed Bed: MEDIUM Soil Temperature: 17.22 C Soil Moisture (at Planting): SLIDRY

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Target Description

- Target 1:** SETFA **Discipline:** W **Target Scale:** BGRM
 Setaria faberi HERRM.
 Foxtail, giant
- Target 2:** ECHCG **Discipline:** W **Target Scale:** BGRM
 Echinochloa crus-galli (L.) P.
 Barnyardgrass, common
- Target 3:** AMBTR **Discipline:** W **Target Scale:** BDIC
 Ambrosia trifida L.
 Ragweed, giant
- Target 4:** CHEAL **Discipline:** W **Target Scale:** BDIC
 Chenopodium album L.
 Lambsquarters, common
- Target 5:** AMARE **Discipline:** W **Target Scale:** BDIC
 Amaranthus retroflexus L.
 Redroot pigweed
- Target 6:** ABUTH **Discipline:** W **Target Scale:** BDIC
 Abutilon theophrasti MEDIK.
 Velvetleaf
- Target 7:** SIDSP **Discipline:** W **Target Scale:** BDIC
 Sida spinosa L.
 Prickly sida / Teaweed
- Target 8:** IPOHE **Discipline:** W **Target Scale:** BDIC
 Ipomoea hederacea (L.) JACQ.
 Morningglory, ivyleaf
- Target 9:** AMPAL **Discipline:** W **Target Scale:** BDIC
 Ampelamus albidus (NUTT.) BRIT
 Milkweed, honeyvine

Application Description

	A	B	C
Application Date	Jun-1-2021	Jun-30-2021	Jul-14-2021
Interval to prev. Appl.		29 DAY	14 DAY
Application Timing	PREMCR	POEMCR	POSPOS
Appl.Start - Time of Day	3:00 PM	7:30 AM	1:25 PM
Appl. Stop	3:30 PM	8:00 AM	1:45 PM
Appl. Rain 0-6H	0 MM	1.1 MM	0 MM
Time b. Appl./first Rain	1 DAY	1.5 HR	
% Relative Humidity	40	96	69
Air Temperature	22.78 C	22.22 C	26.67 C
% Cloud Cover	80	50	30
Appl. Wind Strength	LIG	LIG	LIG
Wind Velocity	8.05 KPH	4.83 KPH	11.3 KPH
Wind Direction/Degrees	S	NW	SW
Soil Temperature	17.22 C	22.78 C	27.22 C
Soil Moisture	SLIDRY	SLIWET	SLIWET
Soil Condition (surface)	MEDIUM	MEDIUM	MEDIUM
Problems with Application?	No	No	No

Crop Stage at Application

	A		B		C	
	GLXMA	C BSOY	GLXMA	C BSOY	GLXMA	C BSOY
Crop 1/Disc./Scale	GLXMA	C BSOY	GLXMA	C BSOY	GLXMA	C BSOY
Days after Emergence	-14		15		29	
Stage Majority/Percent	00	100	13	100	51	100
Stage Minimum/Percent			13	100	51	100
Stage Maximum/Percent			13	100	51	100
Majority Height/Unit			17.78	CM	40.64	CM
Min/Max (Unit=Height Unit)			12.7	17.78	38	41
Crop 2/Disc./Scale	GLXMA	C BSOY	GLXMA	C BSOY	GLXMA	C BSOY
Days after Emergence	-14		15		29	
Crop 3/Disc./Scale	GLXMA	C BSOY	GLXMA	C BSOY	GLXMA	C BSOY
Days after Emergence	-14		15		29	
Crop 4/Disc./Scale	GLXMA	C BSOY	GLXMA	C BSOY	GLXMA	C BSOY
Days after Emergence	-14		15		29	
Crop 5/Disc./Scale	GLXMA	C BSOY	GLXMA	C BSOY	GLXMA	C BSOY
Days after Emergence	-14		15		29	
Crop 6/Disc./Scale	GLXMA	C BSOY	GLXMA	C BSOY	GLXMA	C BSOY
Days after Emergence	-14		15		29	

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Target Stage at Application

	A			B			C		
	SETFA	W BGRM		SETFA	W BGRM		SETFA	W BGRM	
Target 1/Disc./Scale									
Target Characteristics									
Stage Majority/Percent			13	90					
Stage Minimum/Percent			13	90					
Stage Maximum/Percent			15	10					
Majority Height/Unit			12.7	CM					
Min/Max (Unit=Height Unit)			7.62	12.7					
Density			56	PLA/M2					
Target 2/Disc./Scale	ECHCG	W BGRM	ECHCG	W BGRM	ECHCG	W BGRM			
Stage Majority/Percent			13	90	13	100			
Stage Minimum/Percent			13	90	13	100			
Stage Maximum/Percent			15	10	13	100			
Majority Height/Unit			12.7	CM	7.62	CM			
Min/Max (Unit=Height Unit)			7.62	12.7	5	10			
Density			35	PLA/M2	12	PLOT			
Target 3/Disc./Scale	AMBTR	W BDIC	AMBTR	W BDIC	AMBTR	W BDIC			
Stage Majority/Percent			19	90	19	100			
Stage Minimum/Percent			18	10	19	100			
Stage Maximum/Percent			19	90	19	100			
Majority Height/Unit			15	CM	10	CM			
Min/Max (Unit=Height Unit)			10	15	8	10			
Density			3	PLA/M2	2	PLOT			
Target 4/Disc./Scale	CHEAL	W BDIC	CHEAL	W BDIC	CHEAL	W BDIC			
Stage Majority/Percent			18	90					
Stage Minimum/Percent			18	90					
Stage Maximum/Percent			19	10					
Majority Height/Unit			15	CM					
Min/Max (Unit=Height Unit)			10	15					
Density			12	PLA/M2					
Target 5/Disc./Scale	AMARE	W BDIC	AMARE	W BDIC	AMARE	W BDIC			
Density			6	PLA/M2					
Target 6/Disc./Scale	ABUTH	W BDIC	ABUTH	W BDIC	ABUTH	W BDIC			
Stage Majority/Percent			13	80					
Stage Minimum/Percent			12	10					
Stage Maximum/Percent			14	10					
Majority Height/Unit			5	CM					
Min/Max (Unit=Height Unit)			2.5	5					
Density			1	PLA/M2					
Target 7/Disc./Scale	SIDSP	W BDIC	SIDSP	W BDIC	SIDSP	W BDIC			
Stage Majority/Percent			11	80	14	80			
Stage Minimum/Percent			11	80	14	80			
Stage Maximum/Percent			13	10	18	10			
Majority Height/Unit			5	CM	7.62	CM			
Min/Max (Unit=Height Unit)			2.5	5	5	12			
Density			33	PLA/M2	33	PLA/M2			
Target 8/Disc./Scale	IPOHE	W BDIC	IPOHE	W BDIC	IPOHE	W BDIC			
Stage Majority/Percent			12	80	12	90			
Stage Minimum/Percent			12	80	12	90			
Stage Maximum/Percent			15	10	15	10			
Majority Height/Unit			7.5	CM	5	CM			
Min/Max (Unit=Height Unit)			5	15	5	7			
Target 9/Disc./Scale	AMPAL	W BDIC	AMPAL	W BDIC	AMPAL	W BDIC			
Stage Majority/Percent			16	80	18	90			
Stage Minimum/Percent			14	10	18	90			
Stage Maximum/Percent			18	10	19	10			
Majority Height/Unit			20	CM	40	CM			
Min/Max (Unit=Height Unit)			20	40	30	60			
Density			0.33	PLA/M2	4	PLOT			

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	Application Equipment				
	A	B	C		
Application Method	SPRAY	SPRAY	SPRAY		
Application Placement	BROSOI	BROFOL	BROFOL		
Application Equipment	BACCAI	BACCAI	BACCAI		
Ground Speed	4.82999992 KPH	4.82999992 KPH	4.82999992 KPH		
Propellant Type	COMCO2	COMCO2	COMCO2		
Carrier	WATER	WATER	WATER		
Water Hardness	240	240	240		
Carrier pH	7.8	7.8	7.8		
Appl./Slurry Volume	140.3	140.3	140.3		
Appl./Slurry Volume Unit	L/HA	L/HA	L/HA		
Minimum Mix/Treatment	2.607 L	2.607 L	2.607 L		
Mix Size	3 L	3 L	3 L		
Operating Pressure	3.31 BAR	3.31 BAR	3.31 BAR		
Flow Rate (per boom)	8.66 ML/SEC	8.66 ML/SEC	8.66 ML/SEC		
Spray Swath Width	2.03299999 M	2.03299999 M	2.03299999 M		
Nozzle Type	TEEJTA	TEEJTA	TJAIXR		
Nozzle Size	110015	110015	110015		
Nozzle Spacing	45.7 CM	45.7 CM	45.7 CM		
Boom Height	50.7999992 CM	50.7999992 CM	50.7999992 CM		
Plot Size	27.871 M2	27.871 M2	27.871 M2		
Unique Col. ID				1	2
Orig./Calc. Flag				O	O
SE Group				1	1
Target				1 SETFA	2 ECHCG
-Disc./Scale				W BGRM	W BGRM
-Characteristic					3 AMBTR
-Stage Majority				13	13
-Stage Minimum				13	13
-Stage Maximum				15	15
Crop				1 GLXMA	
-Disc./Scale				C BSOY	
Variety				AG27XF1	
-Characteristic				RR+LL+DIC	
-Stage Maj/Min/Max				13 13 13	
Part Rated					
Assessment Type				PHYGEN	CONTRO
Assessment Unit				%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date				Jun-30-2021	Jun-30-2021
Assessment Code				A1	A1
Days after first Appl.				29 DAA	29 DAA
Days after last Appl.				29 DAA	29 DAA
Plant.-Ass.Interval				29 DP1	29 DP1
Days after Emergence				15 DE-1	15 DE-1
Decimals Printed				0	0
ARM Action Codes					
Entry No.	Entry/Trt.	Dose	Dose	Appl.	1
	Description	Unit	Unit	Code	2
1	ASGROW AG27XF1				3
	XTENDIMAX VAPORGRIP	1.607 l/ha		A	4
	MON 51817	576 g ai/ha		A	5
	MAULER	280.6 g ai/ha		A	
	MON 301668	1212 g ai/ha		A	
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		A	
	XTENDIMAX VAPORGRIP	1.607 l/ha		B	
	MON 51817	576 g ai/ha		B	
	ROUNDUP POWERMAX 3	1263 g ai/ha		B	
	MON 301668	1212 g ai/ha		B	
	CLASS ACT RIDION	1 % v/v		B	
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		B	
	LIBERTY 280 SL	655 g ai/ha		C	
	N-PAK AMS LIQUID	2.5 % v/v		C	

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Unique Col. ID	1	2	3	4	5
Orig./Calc. Flag	O	O	O	O	O
SE Group	1	1	1	2	3
Target		1 SETFA	2 ECHCG	3 AMBTR	4 CHEAL
-Disc./Scale		W BGRM	W BGRM	W BDIC	W BDIC
-Characteristic					
-Stage Majority		13	13	19	18
-Stage Minimum		13	13	18	18
-Stage Maximum		15	15	19	19
Crop	1 GLXMA				
-Disc./Scale	C BSOY				
Variety	AG27XF1				
-Characteristic	RR+LL+DIC				
-Stage Maj/Min/Max	13 13 13				
Part Rated					
Assessment Type	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Jun-30-2021	Jun-30-2021	Jun-30-2021	Jun-30-2021	Jun-30-2021
Assessment Code	A1	A1	A1	A1	A1
Days after first Appl.	29 DAA	29 DAA	29 DAA	29 DAA	29 DAA
Days after last Appl.	29 DAA	29 DAA	29 DAA	29 DAA	29 DAA
Plant.-Ass.Interval	29 DP1	29 DP1	29 DP1	29 DP1	29 DP1
Days after Emergence	15 DE-1	15 DE-1	15 DE-1	15 DE-1	15 DE-1
Decimals Printed	0	0	0	0	0
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose	Dose Unit	Appl. Code	1	2	3	4	5
2	ASGROW AG35XF1				0	99	99	90	100
	XTENDIMAX VAPORGRIP	1.607 l/ha		A					
	MON 51817	576 g ai/ha		A					
	MAULER	280.6 g ai/ha		A					
	MON 301668	1212 g ai/ha		A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		A					
	XTENDIMAX VAPORGRIP	1.607 l/ha		B					
	MON 51817	576 g ai/ha		B					
	ROUNDUP POWERMAX 3	1263 g ai/ha		B					
	MON 301668	1212 g ai/ha		B					
	CLASS ACT RIDION	1 % v/v		B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					
3	ASGROW AG38XF1				0	99	99	90	100
	XTENDIMAX VAPORGRIP	1.607 l/ha		A					
	MON 51817	576 g ai/ha		A					
	MAULER	280.6 g ai/ha		A					
	MON 301668	1212 g ai/ha		A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		A					
	XTENDIMAX VAPORGRIP	1.607 l/ha		B					
	MON 51817	576 g ai/ha		B					
	ROUNDUP POWERMAX 3	1263 g ai/ha		B					
	MON 301668	1212 g ai/ha		B					
	CLASS ACT RIDION	1 % v/v		B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					
4	P34T21SE				0	75	75	60	80
	ENLIST ONE	1064 g ai/ha		A					
	SONIC	196.1 g ai/ha		A					
	ENLIST ONE	1064 g ai/ha		B					
	DURANGO DMA	1702 g ai/ha		B					
	DUAL II MAGNUM	1069 g ai/ha		B					
	N-PAK AMS LIQUID	2.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					

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Unique Col. ID	1	2	3	4	5
Orig./Calc. Flag	O	O	O	O	O
SE Group	1	1	1	2	3
Target		1 SETFA	2 ECHCG	3 AMBTR	4 CHEAL
-Disc./Scale		W BGRM	W BGRM	W BDIC	W BDIC
-Characteristic					
-Stage Majority		13	13	19	18
-Stage Minimum		13	13	18	18
-Stage Maximum		15	15	19	19
Crop	1 GLXMA				
-Disc./Scale	C BSOY				
Variety	AG27XF1				
-Characteristic	RR+LL+DIC				
-Stage Maj/Min/Max	13 13 13				
Part Rated					
Assessment Type	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Jun-30-2021	Jun-30-2021	Jun-30-2021	Jun-30-2021	Jun-30-2021

Assessment Code	A1	A1	A1	A1	A1
Days after first Appl.	29 DAA	29 DAA	29 DAA	29 DAA	29 DAA
Days after last Appl.	29 DAA	29 DAA	29 DAA	29 DAA	29 DAA
Plant.-Ass.Interval	29 DP1	29 DP1	29 DP1	29 DP1	29 DP1
Days after Emergence	15 DE-1	15 DE-1	15 DE-1	15 DE-1	15 DE-1
Decimals Printed	0	0	0	0	0
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose Unit	App. Code	1	2	3	4	5
5	B320EE			0	75	75	60	80
	ENLIST ONE	1064 g ai/ha	A					
	SONIC	196.1 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	DURANGO DMA	1702 g ai/ha	B					
	DUAL II MAGNUM	1069 g ai/ha	B					
	N-PAK AMS LIQUID	2.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
6	SC7320E			0	75	75	60	80
	ENLIST ONE	1064 g ai/ha	A					
	SONIC	196.1 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	DURANGO DMA	1702 g ai/ha	B					
	DUAL II MAGNUM	1069 g ai/ha	B					
	N-PAK AMS LIQUID	2.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
7	SC7320E			0	95	98	75	85
	ENLIST ONE	1064 g ai/ha	A					
	MAULER	280.6 g ai/ha	A					
	MON 301668	1212 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	ROUNDUP POWERMAX 3	1263 g ai/ha	B					
	MON 301668	1212 g ai/ha	B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
LSD P=.05			
Standard Deviation			
CV			
Levene's F^			
Levene's Prob(F)			
Skewness^			
Kurtosis^			

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Unique Col. ID	6	7	8	9	10
Orig./Calc. Flag	O	O	O	O	O
SE Group	4	5	6	7	8
Target	5 AMARE	6 ABUTH	7 SIDSP	8 IPOHE	9 AMPAL
-Disc./Scale	W BDIC	W BDIC	W BDIC	W BDIC	W BDIC
-Characteristic					
-Stage Majority		13	11	12	16
-Stage Minimum		12	11	12	14
-Stage Maximum		14	13	15	18
Crop					
-Disc./Scale					
Variety					
-Characteristic					
-Stage Maj/Min/Max					
Part Rated					
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Jun-30-2021	Jun-30-2021	Jun-30-2021	Jun-30-2021	Jun-30-2021
Assessment Code	A1	A1	A1	A1	A1
Days after first Appl.	29 DAA	29 DAA	29 DAA	29 DAA	29 DAA
Days after last Appl.	29 DAA	29 DAA	29 DAA	29 DAA	29 DAA
Plant.-Ass.Interval	29 DP1	29 DP1	29 DP1	29 DP1	29 DP1
Days after Emergence	15 DE-1	15 DE-1	15 DE-1	15 DE-1	15 DE-1
Decimals Printed	0	0	0	0	0
ARM Action Codes					
Entry No.	6	7	8	9	10
Entry/Trt. Description					
Dose					
Dose Unit					
Appl. Code					
1 ASGROW AG27XF1	100	95	60	60	30
XTENDIMAX VAPORGRIP					
MON 51817	1.607 l/ha	A			
MAULER	576 g ai/ha	A			
MON 301668	280.6 g ai/ha	A			
INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	1212 g ai/ha	A			
XTENDIMAX VAPORGRIP	0.5 % v/v	A			
MON 51817	1.607 l/ha	B			
ROUNDUP POWERMAX 3	576 g ai/ha	B			
MON 301668	1263 g ai/ha	B			
CLASS ACT RIDION	1212 g ai/ha	B			
INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	1 % v/v	B			
LIBERTY 280 SL	0.5 % v/v	B			
N-PAK AMS LIQUID	655 g ai/ha	C			
	2.5 % v/v	C			

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	6	7	8	9	10
Orig./Calc. Flag	O	O	O	O	O
SE Group	4	5	6	7	8
Target	5 AMARE	6 ABUTH	7 SIDSP	8 IPOHE	9 AMPAL
-Disc./Scale	W BDIC	W BDIC	W BDIC	W BDIC	W BDIC
-Characteristic					
-Stage Majority		13	11	12	16
-Stage Minimum		12	11	12	14
-Stage Maximum		14	13	15	18
Crop					
-Disc./Scale					
Variety					
-Characteristic					
-Stage Maj/Min/Max					
Part Rated					
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Jun-30-2021	Jun-30-2021	Jun-30-2021	Jun-30-2021	Jun-30-2021
Assessment Code	A1	A1	A1	A1	A1
Days after first Appl.	29 DAA	29 DAA	29 DAA	29 DAA	29 DAA
Days after last Appl.	29 DAA	29 DAA	29 DAA	29 DAA	29 DAA
Plant.-Ass.Interval	29 DP1	29 DP1	29 DP1	29 DP1	29 DP1
Days after Emergence	15 DE-1	15 DE-1	15 DE-1	15 DE-1	15 DE-1
Decimals Printed	0	0	0	0	0
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose	Dose Unit	Appl. Code	6	7	8	9	10
2	ASGROW AG35XF1	100			100	95	60	60	30
	XTENDIMAX VAPORGRIP	1.607 l/ha	A						
	MON 51817	576 g ai/ha	A						
	MAULER	280.6 g ai/ha	A						
	MON 301668	1212 g ai/ha	A						
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	A						
	XTENDIMAX VAPORGRIP	1.607 l/ha	B						
	MON 51817	576 g ai/ha	B						
	ROUNDUP POWERMAX 3	1263 g ai/ha	B						
	MON 301668	1212 g ai/ha	B						
	CLASS ACT RIDION	1 % v/v	B						
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	B						
	LIBERTY 280 SL	655 g ai/ha	C						
	N-PAK AMS LIQUID	2.5 % v/v	C						
3	ASGROW AG38XF1	100			100	95	60	60	30
	XTENDIMAX VAPORGRIP	1.607 l/ha	A						
	MON 51817	576 g ai/ha	A						
	MAULER	280.6 g ai/ha	A						
	MON 301668	1212 g ai/ha	A						
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	A						
	XTENDIMAX VAPORGRIP	1.607 l/ha	B						
	MON 51817	576 g ai/ha	B						
	ROUNDUP POWERMAX 3	1263 g ai/ha	B						
	MON 301668	1212 g ai/ha	B						
	CLASS ACT RIDION	1 % v/v	B						
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	B						
	LIBERTY 280 SL	655 g ai/ha	C						
	N-PAK AMS LIQUID	2.5 % v/v	C						
4	P34T21SE	100			100	95	60	60	30
	ENLIST ONE	1064 g ai/ha	A						
	SONIC	196.1 g ai/ha	A						
	ENLIST ONE	1064 g ai/ha	B						
	DURANGO DMA	1702 g ai/ha	B						
	DUAL II MAGNUM	1069 g ai/ha	B						
	N-PAK AMS LIQUID	2.5 % v/v	B						
	LIBERTY 280 SL	655 g ai/ha	C						
	N-PAK AMS LIQUID	2.5 % v/v	C						

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	6	7	8	9	10		
Orig./Calc. Flag	O	O	O	O	O		
SE Group	4	5	6	7	8		
Target	5 AMARE	6 ABUTH	7 SIDSP	8 IPOHE	9 AMPAL		
-Disc./Scale	W BDIC	W BDIC	W BDIC	W BDIC	W BDIC		
-Characteristic							
-Stage Majority		13	11	12	16		
-Stage Minimum		12	11	12	14		
-Stage Maximum		14	13	15	18		
Crop							
-Disc./Scale							
Variety							
-Characteristic							
-Stage Maj/Min/Max							
Part Rated							
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Assessment Unit	%	%	%	%	%		
Sample Size							
Sample Size Unit							
Sample Size (total)							
Assessment Date	Jun-30-2021	Jun-30-2021	Jun-30-2021	Jun-30-2021	Jun-30-2021		
Assessment Code	A1	A1	A1	A1	A1		
Days after first Appl.	29 DAA	29 DAA	29 DAA	29 DAA	29 DAA		
Days after last Appl.	29 DAA	29 DAA	29 DAA	29 DAA	29 DAA		
Plant.-Ass.Interval	29 DP1	29 DP1	29 DP1	29 DP1	29 DP1		
Days after Emergence	15 DE-1	15 DE-1	15 DE-1	15 DE-1	15 DE-1		
Decimals Printed	0	0	0	0	0		
ARM Action Codes							
Entry No.	Entry/Trt. Description	Dose Unit	6	7	8	9	10
5	B320EE		100	95	60	60	30
	ENLIST ONE	1064 g ai/ha A					
	SONIC	196.1 g ai/ha A					
	ENLIST ONE	1064 g ai/ha B					
	DURANGO DMA	1702 g ai/ha B					
	DUAL II MAGNUM	1069 g ai/ha B					
	N-PAK AMS LIQUID	2.5 % v/v B					
	LIBERTY 280 SL	655 g ai/ha C					
	N-PAK AMS LIQUID	2.5 % v/v C					
6	SC7320E		100	95	60	60	30
	ENLIST ONE	1064 g ai/ha A					
	SONIC	196.1 g ai/ha A					
	ENLIST ONE	1064 g ai/ha B					
	DURANGO DMA	1702 g ai/ha B					
	DUAL II MAGNUM	1069 g ai/ha B					
	N-PAK AMS LIQUID	2.5 % v/v B					
	LIBERTY 280 SL	655 g ai/ha C					
	N-PAK AMS LIQUID	2.5 % v/v C					
7	SC7320E		100	95	60	60	30
	ENLIST ONE	1064 g ai/ha A					
	MAULER	280.6 g ai/ha A					
	MON 301668	1212 g ai/ha A					
	ENLIST ONE	1064 g ai/ha B					
	ROUNDUP POWERMAX 3	1263 g ai/ha B					
	MON 301668	1212 g ai/ha B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v B					
	LIBERTY 280 SL	655 g ai/ha C					
	N-PAK AMS LIQUID	2.5 % v/v C					
LSD P=.05		
Standard Deviation		
CV		
Levene's F^		
Levene's Prob(F)		
Skewness^		
Kurtosis^		

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	20	11	12	13	14
Orig./Calc. Flag	O	O	O	O	O
SE Group	9	9	9	9	9
Target		1 SETFA	2 ECHCG	3 AMBTR	4 CHEAL
-Disc./Scale		W BGRM	W BGRM	W BDIC	W BDIC
-Characteristic					
-Stage Majority					
-Stage Minimum					
-Stage Maximum					
Crop		1 GLXMA			
-Disc./Scale		C BSOY			
Variety		AG27XF1			
-Characteristic		RR+LL+DIC			
-Stage Maj/Min/Max					
Part Rated					
Assessment Type		PHYGEN	CONTRO	CONTRO	CONTRO
Assessment Unit		%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date		Jul-13-2021	Jul-13-2021	Jul-13-2021	Jul-13-2021
Assessment Code		A2	A2	A2	A2
Days after first Appl.		42 DAA	42 DAA	42 DAA	42 DAA
Days after last Appl.		13 DAB	13 DAB	13 DAB	13 DAB
Plant.-Ass.Interval		42 DP1	42 DP1	42 DP1	42 DP1
Days after Emergence		28 DE-1	28 DE-1	28 DE-1	28 DE-1
Decimals Printed		0	0	0	0
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose Unit	11	12	13	14	15
1	ASGROW AG27XF1		0	100	100	100	100
	XTENDIMAX VAPORGRIP	1.607 l/ha A					
	MON 51817	576 g ai/ha A					
	MAULER	280.6 g ai/ha A					
	MON 301668	1212 g ai/ha A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v A					
	XTENDIMAX VAPORGRIP	1.607 l/ha B					
	MON 51817	576 g ai/ha B					
	ROUNDUP POWERMAX 3	1263 g ai/ha B					
	MON 301668	1212 g ai/ha B					
	CLASS ACT RIDION	1 % v/v B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v B					
	LIBERTY 280 SL	655 g ai/ha C					
	N-PAK AMS LIQUID	2.5 % v/v C					

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	20	11	12	13	14
Orig./Calc. Flag	O	O	O	O	O
SE Group	9	9	9	9	9
Target		1 SETFA	2 ECHCG	3 AMBTR	4 CHEAL
-Disc./Scale		W BGRM	W BGRM	W BDIC	W BDIC
-Characteristic					
-Stage Majority					
-Stage Minimum					
-Stage Maximum					
Crop		1 GLXMA			
-Disc./Scale		C BSOY			
Variety		AG27XF1			
-Characteristic		RR+LL+DIC			
-Stage Maj/Min/Max					
Part Rated					
Assessment Type		PHYGEN	CONTRO	CONTRO	CONTRO
Assessment Unit		%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date		Jul-13-2021	Jul-13-2021	Jul-13-2021	Jul-13-2021
Assessment Code		A2	A2	A2	A2
Days after first Appl.		42 DAA	42 DAA	42 DAA	42 DAA
Days after last Appl.		13 DAB	13 DAB	13 DAB	13 DAB
Plant.-Ass.Interval		42 DP1	42 DP1	42 DP1	42 DP1
Days after Emergence		28 DE-1	28 DE-1	28 DE-1	28 DE-1
Decimals Printed		0	0	0	0
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose Unit	Dose Unit	Appl. Code	11	12	13	14	15
2	ASGROW AG35XF1				0	100	100	100	100
	XTENDIMAX VAPORGRIP	1.607 l/ha		A					
	MON 51817	576 g ai/ha		A					
	MAULER	280.6 g ai/ha		A					
	MON 301668	1212 g ai/ha		A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		A					
	XTENDIMAX VAPORGRIP	1.607 l/ha		B					
	MON 51817	576 g ai/ha		B					
	ROUNDUP POWERMAX 3	1263 g ai/ha		B					
	MON 301668	1212 g ai/ha		B					
	CLASS ACT RIDION	1 % v/v		B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					
3	ASGROW AG38XF1				0	100	100	100	100
	XTENDIMAX VAPORGRIP	1.607 l/ha		A					
	MON 51817	576 g ai/ha		A					
	MAULER	280.6 g ai/ha		A					
	MON 301668	1212 g ai/ha		A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		A					
	XTENDIMAX VAPORGRIP	1.607 l/ha		B					
	MON 51817	576 g ai/ha		B					
	ROUNDUP POWERMAX 3	1263 g ai/ha		B					
	MON 301668	1212 g ai/ha		B					
	CLASS ACT RIDION	1 % v/v		B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					
4	P34T21SE				0	100	85	100	100
	ENLIST ONE	1064 g ai/ha		A					
	SONIC	196.1 g ai/ha		A					
	ENLIST ONE	1064 g ai/ha		B					
	DURANGO DMA	1702 g ai/ha		B					
	DUAL II MAGNUM	1069 g ai/ha		B					
	N-PAK AMS LIQUID	2.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	20	11	12	13	14				
Orig./Calc. Flag	O	O	O	O	O				
SE Group	9	9	9	9	9				
Target		1 SETFA	2 ECHCG	3 AMBTR	4 CHEAL				
-Disc./Scale		W BGRM	W BGRM	W BDIC	W BDIC				
-Characteristic									
-Stage Majority									
-Stage Minimum									
-Stage Maximum									
Crop		1 GLXMA							
-Disc./Scale		C BSOY							
Variety		AG27XF1							
-Characteristic		RR+LL+DIC							
-Stage Maj/Min/Max									
Part Rated									
Assessment Type		PHYGEN	CONTRO	CONTRO	CONTRO				
Assessment Unit		%	%	%	%				
Sample Size									
Sample Size Unit									
Sample Size (total)									
Assessment Date		Jul-13-2021	Jul-13-2021	Jul-13-2021	Jul-13-2021				
Assessment Code		A2	A2	A2	A2				
Days after first Appl.		42 DAA	42 DAA	42 DAA	42 DAA				
Days after last Appl.		13 DAB	13 DAB	13 DAB	13 DAB				
Plant.-Ass.Interval		42 DP1	42 DP1	42 DP1	42 DP1				
Days after Emergence		28 DE-1	28 DE-1	28 DE-1	28 DE-1				
Decimals Printed		0	0	0	0				
ARM Action Codes									
Entry No.	Entry/Trt. Description	Dose	Dose Unit	Appl. Code	11	12	13	14	15
5	B320EE				0	100	85	100	100
	ENLIST ONE	1064 g	ai/ha	A					
	SONIC	196.1 g	ai/ha	A					
	ENLIST ONE	1064 g	ai/ha	B					
	DURANGO DMA	1702 g	ai/ha	B					
	DUAL II MAGNUM	1069 g	ai/ha	B					
	N-PAK AMS LIQUID	2.5 %	v/v	B					
	LIBERTY 280 SL	655 g	ai/ha	C					
	N-PAK AMS LIQUID	2.5 %	v/v	C					
6	SC7320E				0	100	85	100	100
	ENLIST ONE	1064 g	ai/ha	A					
	SONIC	196.1 g	ai/ha	A					
	ENLIST ONE	1064 g	ai/ha	B					
	DURANGO DMA	1702 g	ai/ha	B					
	DUAL II MAGNUM	1069 g	ai/ha	B					
	N-PAK AMS LIQUID	2.5 %	v/v	B					
	LIBERTY 280 SL	655 g	ai/ha	C					
	N-PAK AMS LIQUID	2.5 %	v/v	C					
7	SC7320E				0	100	100	95	100
	ENLIST ONE	1064 g	ai/ha	A					
	MAULER	280.6 g	ai/ha	A					
	MON 301668	1212 g	ai/ha	A					
	ENLIST ONE	1064 g	ai/ha	B					
	ROUNDUP POWERMAX 3	1263 g	ai/ha	B					
	MON 301668	1212 g	ai/ha	B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 %	v/v	B					
	LIBERTY 280 SL	655 g	ai/ha	C					
	N-PAK AMS LIQUID	2.5 %	v/v	C					
LSD P=.05					.	.	.	.	.
Standard Deviation					.	.	.	.	.
CV					.	.	.	.	.
Levene's F^					.	.	.	.	.
Levene's Prob(F)					.	.	.	.	.
Skewness^					.	.	.	.	.
Kurtosis^					.	.	.	.	.

The Ohio State University

Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	15	16	17	18	19
Orig./Calc. Flag	O	O	O	O	O
SE Group	9	9	9	9	9
Target	5 AMARE	6 ABUTH	7 SIDSP	8 IPOHE	9 AMPAL
-Disc./Scale	W BDIC	W BDIC	W BDIC	W BDIC	W BDIC
-Characteristic					
-Stage Majority					
-Stage Minimum					
-Stage Maximum					
Crop					
-Disc./Scale					
Variety					
-Characteristic					
-Stage Maj/Min/Max					
Part Rated					
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Jul-13-2021	Jul-13-2021	Jul-13-2021	Jul-13-2021	Jul-13-2021
Assessment Code	A2	A2	A2	A2	A2
Days after first Appl.	42 DAA	42 DAA	42 DAA	42 DAA	42 DAA
Days after last Appl.	13 DAB	13 DAB	13 DAB	13 DAB	13 DAB
Plant.-Ass.Interval	42 DP1	42 DP1	42 DP1	42 DP1	42 DP1
Days after Emergence	28 DE-1	28 DE-1	28 DE-1	28 DE-1	28 DE-1
Decimals Printed	0	0	0	0	0
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose Unit	16	17	18	19	20
1	ASGROW AG27XF1		100	85	80	80	85
	XTENDIMAX VAPORGRIP	1.607 l/ha A					
	MON 51817	576 g ai/ha A					
	MAULER	280.6 g ai/ha A					
	MON 301668	1212 g ai/ha A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v A					
	XTENDIMAX VAPORGRIP	1.607 l/ha B					
	MON 51817	576 g ai/ha B					
	ROUNDUP POWERMAX 3	1263 g ai/ha B					
	MON 301668	1212 g ai/ha B					
	CLASS ACT RIDION	1 % v/v B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v B					
	LIBERTY 280 SL	655 g ai/ha C					
	N-PAK AMS LIQUID	2.5 % v/v C					

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	15	16	17	18	19
Orig./Calc. Flag	O	O	O	O	O
SE Group	9	9	9	9	9
Target	5 AMARE	6 ABUTH	7 SIDSP	8 IPOHE	9 AMPAL
-Disc./Scale	W BDIC	W BDIC	W BDIC	W BDIC	W BDIC
-Characteristic					
-Stage Majority					
-Stage Minimum					
-Stage Maximum					
Crop					
-Disc./Scale					
Variety					
-Characteristic					
-Stage Maj/Min/Max					
Part Rated					
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Jul-13-2021	Jul-13-2021	Jul-13-2021	Jul-13-2021	Jul-13-2021
Assessment Code	A2	A2	A2	A2	A2
Days after first Appl.	42 DAA	42 DAA	42 DAA	42 DAA	42 DAA
Days after last Appl.	13 DAB	13 DAB	13 DAB	13 DAB	13 DAB
Plant.-Ass.Interval	42 DP1	42 DP1	42 DP1	42 DP1	42 DP1
Days after Emergence	28 DE-1	28 DE-1	28 DE-1	28 DE-1	28 DE-1
Decimals Printed	0	0	0	0	0
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose	Dose Unit	Appl. Code	16	17	18	19	20
2	ASGROW AG35XF1				100	85	80	80	85
	XTENDIMAX VAPORGRIP	1.607 l/ha		A					
	MON 51817	576 g ai/ha		A					
	MAULER	280.6 g ai/ha		A					
	MON 301668	1212 g ai/ha		A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		A					
	XTENDIMAX VAPORGRIP	1.607 l/ha		B					
	MON 51817	576 g ai/ha		B					
	ROUNDUP POWERMAX 3	1263 g ai/ha		B					
	MON 301668	1212 g ai/ha		B					
	CLASS ACT RIDION	1 % v/v		B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					
3	ASGROW AG38XF1				100	85	80	80	85
	XTENDIMAX VAPORGRIP	1.607 l/ha		A					
	MON 51817	576 g ai/ha		A					
	MAULER	280.6 g ai/ha		A					
	MON 301668	1212 g ai/ha		A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		A					
	XTENDIMAX VAPORGRIP	1.607 l/ha		B					
	MON 51817	576 g ai/ha		B					
	ROUNDUP POWERMAX 3	1263 g ai/ha		B					
	MON 301668	1212 g ai/ha		B					
	CLASS ACT RIDION	1 % v/v		B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					
4	P34T21SE				100	100	85	85	80
	ENLIST ONE	1064 g ai/ha		A					
	SONIC	196.1 g ai/ha		A					
	ENLIST ONE	1064 g ai/ha		B					
	DURANGO DMA	1702 g ai/ha		B					
	DUAL II MAGNUM	1069 g ai/ha		B					
	N-PAK AMS LIQUID	2.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					

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Competitive Soybean Systems Comparison

HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01

Project ID: LOCAL_PROJ

Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS

Protocol Developer: Goddard, Matthew

License User: Dr. Mark M. Loux

Unique Col. ID	15	16	17	18	19
Orig./Calc. Flag	O	O	O	O	O
SE Group	9	9	9	9	9
Target	5 AMARE	6 ABUTH	7 SIDSP	8 IPOHE	9 AMPAL
-Disc./Scale	W BDIC	W BDIC	W BDIC	W BDIC	W BDIC
-Characteristic					
-Stage Majority					
-Stage Minimum					
-Stage Maximum					
Crop					
-Disc./Scale					
Variety					
-Characteristic					
-Stage Maj/Min/Max					
Part Rated					
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Jul-13-2021	Jul-13-2021	Jul-13-2021	Jul-13-2021	Jul-13-2021
Assessment Code	A2	A2	A2	A2	A2
Days after first Appl.	42 DAA	42 DAA	42 DAA	42 DAA	42 DAA
Days after last Appl.	13 DAB	13 DAB	13 DAB	13 DAB	13 DAB
Plant.-Ass.Interval	42 DP1	42 DP1	42 DP1	42 DP1	42 DP1
Days after Emergence	28 DE-1	28 DE-1	28 DE-1	28 DE-1	28 DE-1
Decimals Printed	0	0	0	0	0
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose Unit	App. Code	16	17	18	19	20
5	B320EE			100	100	85	85	80
	ENLIST ONE	1064 g ai/ha	A					
	SONIC	196.1 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	DURANGO DMA	1702 g ai/ha	B					
	DUAL II MAGNUM	1069 g ai/ha	B					
	N-PAK AMS LIQUID	2.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
6	SC7320E			100	100	85	85	80
	ENLIST ONE	1064 g ai/ha	A					
	SONIC	196.1 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	DURANGO DMA	1702 g ai/ha	B					
	DUAL II MAGNUM	1069 g ai/ha	B					
	N-PAK AMS LIQUID	2.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
7	SC7320E			100	85	100	85	80
	ENLIST ONE	1064 g ai/ha	A					
	MAULER	280.6 g ai/ha	A					
	MON 301668	1212 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	ROUNDUP POWERMAX 3	1263 g ai/ha	B					
	MON 301668	1212 g ai/ha	B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
LSD P=.05			
Standard Deviation			
CV			
Levene's F^			
Levene's Prob(F)			
Skewness^			
Kurtosis^			

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	21	22	23	24	25		
Orig./Calc. Flag	O	O	O	O	O		
SE Group	10	10	10	10	10		
Target	1 SETFA	2 ECHCG	3 AMBTR	4 CHEAL	5 AMARE		
-Disc./Scale	W BGRM	W BGRM	W BDIC	W BDIC	W BDIC		
-Characteristic							
-Stage Majority							
-Stage Minimum							
-Stage Maximum							
Crop							
-Disc./Scale							
Variety							
-Characteristic							
-Stage Maj/Min/Max							
Part Rated							
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Assessment Unit		%	%	%	%		
Sample Size							
Sample Size Unit							
Sample Size (total)							
Assessment Date	Jul-28-2021	Jul-28-2021	Jul-28-2021	Jul-28-2021	Jul-28-2021		
Assessment Code	E1	E1	E1	E1	E1		
Days after first Appl.	57 DAA	57 DAA	57 DAA	57 DAA	57 DAA		
Days after last Appl.	14 DAC	14 DAC	14 DAC	14 DAC	14 DAC		
Plant.-Ass.Interval	57 DP1	57 DP1	57 DP1	57 DP1	57 DP1		
Days after Emergence	43 DE-1	43 DE-1	43 DE-1	43 DE-1	43 DE-1		
Decimals Printed	0	0	0	0	0		
ARM Action Codes							
Entry No.	Entry/Trt. Description	Dose Unit	21	22	23	24	25
1	ASGROW AG27XF1		100	100	100	100	100
	XTENDIMAX VAPORGRIP	1.607 l/ha A					
	MON 51817	576 g ai/ha A					
	MAULER	280.6 g ai/ha A					
	MON 301668	1212 g ai/ha A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v A					
	XTENDIMAX VAPORGRIP	1.607 l/ha B					
	MON 51817	576 g ai/ha B					
	ROUNDUP POWERMAX 3	1263 g ai/ha B					
	MON 301668	1212 g ai/ha B					
	CLASS ACT RIDION	1 % v/v B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v B					
	LIBERTY 280 SL	655 g ai/ha C					
	N-PAK AMS LIQUID	2.5 % v/v C					

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	21	22	23	24	25
Orig./Calc. Flag	O	O	O	O	O
SE Group	10	10	10	10	10
Target	1 SETFA	2 ECHCG	3 AMBTR	4 CHEAL	5 AMARE
-Disc./Scale	W BGRM	W BGRM	W BDIC	W BDIC	W BDIC
-Characteristic					
-Stage Majority					
-Stage Minimum					
-Stage Maximum					
Crop					
-Disc./Scale					
Variety					
-Characteristic					
-Stage Maj/Min/Max					
Part Rated					
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit		%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Jul-28-2021	Jul-28-2021	Jul-28-2021	Jul-28-2021	Jul-28-2021
Assessment Code	E1	E1	E1	E1	E1
Days after first Appl.	57 DAA	57 DAA	57 DAA	57 DAA	57 DAA
Days after last Appl.	14 DAC	14 DAC	14 DAC	14 DAC	14 DAC
Plant.-Ass.Interval	57 DP1	57 DP1	57 DP1	57 DP1	57 DP1
Days after Emergence	43 DE-1	43 DE-1	43 DE-1	43 DE-1	43 DE-1
Decimals Printed	0	0	0	0	0
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose	Dose Unit	Appl. Code	21	22	23	24	25
2	ASGROW AG35XF1				100	100	100	100	100
	XTENDIMAX VAPORGRIP	1.607	l/ha	A					
	MON 51817	576	g ai/ha	A					
	MAULER	280.6	g ai/ha	A					
	MON 301668	1212	g ai/ha	A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	A					
	XTENDIMAX VAPORGRIP	1.607	l/ha	B					
	MON 51817	576	g ai/ha	B					
	ROUNDUP POWERMAX 3	1263	g ai/ha	B					
	MON 301668	1212	g ai/ha	B					
	CLASS ACT RIDION	1	% v/v	B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	B					
	LIBERTY 280 SL	655	g ai/ha	C					
	N-PAK AMS LIQUID	2.5	% v/v	C					
3	ASGROW AG38XF1				100	100	100	100	100
	XTENDIMAX VAPORGRIP	1.607	l/ha	A					
	MON 51817	576	g ai/ha	A					
	MAULER	280.6	g ai/ha	A					
	MON 301668	1212	g ai/ha	A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	A					
	XTENDIMAX VAPORGRIP	1.607	l/ha	B					
	MON 51817	576	g ai/ha	B					
	ROUNDUP POWERMAX 3	1263	g ai/ha	B					
	MON 301668	1212	g ai/ha	B					
	CLASS ACT RIDION	1	% v/v	B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	B					
	LIBERTY 280 SL	655	g ai/ha	C					
	N-PAK AMS LIQUID	2.5	% v/v	C					
4	P34T21SE				100	100	100	100	100
	ENLIST ONE	1064	g ai/ha	A					
	SONIC	196.1	g ai/ha	A					
	ENLIST ONE	1064	g ai/ha	B					
	DURANGO DMA	1702	g ai/ha	B					
	DUAL II MAGNUM	1069	g ai/ha	B					
	N-PAK AMS LIQUID	2.5	% v/v	B					
	LIBERTY 280 SL	655	g ai/ha	C					
	N-PAK AMS LIQUID	2.5	% v/v	C					

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	21	22	23	24	25			
Orig./Calc. Flag	O	O	O	O	O			
SE Group	10	10	10	10	10			
Target	1 SETFA	2 ECHCG	3 AMBTR	4 CHEAL	5 AMARE			
-Disc./Scale	W BGRM	W BGRM	W BDIC	W BDIC	W BDIC			
-Characteristic								
-Stage Majority								
-Stage Minimum								
-Stage Maximum								
Crop								
-Disc./Scale								
Variety								
-Characteristic								
-Stage Maj/Min/Max								
Part Rated								
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO			
Assessment Unit		%	%	%	%			
Sample Size								
Sample Size Unit								
Sample Size (total)								
Assessment Date	Jul-28-2021	Jul-28-2021	Jul-28-2021	Jul-28-2021	Jul-28-2021			
Assessment Code	E1	E1	E1	E1	E1			
Days after first Appl.	57 DAA	57 DAA	57 DAA	57 DAA	57 DAA			
Days after last Appl.	14 DAC	14 DAC	14 DAC	14 DAC	14 DAC			
Plant.-Ass.Interval	57 DP1	57 DP1	57 DP1	57 DP1	57 DP1			
Days after Emergence	43 DE-1	43 DE-1	43 DE-1	43 DE-1	43 DE-1			
Decimals Printed	0	0	0	0	0			
ARM Action Codes								
Entry No.	Entry/Trt. Description	Dose Unit	App. Code	21	22	23	24	25
5	B320EE			100	100	100	100	100
	ENLIST ONE	1064 g ai/ha	A					
	SONIC	196.1 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	DURANGO DMA	1702 g ai/ha	B					
	DUAL II MAGNUM	1069 g ai/ha	B					
	N-PAK AMS LIQUID	2.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
6	SC7320E			100	100	100	100	100
	ENLIST ONE	1064 g ai/ha	A					
	SONIC	196.1 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	DURANGO DMA	1702 g ai/ha	B					
	DUAL II MAGNUM	1069 g ai/ha	B					
	N-PAK AMS LIQUID	2.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
7	SC7320E			100	100	100	100	100
	ENLIST ONE	1064 g ai/ha	A					
	MAULER	280.6 g ai/ha	A					
	MON 301668	1212 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	ROUNDUP POWERMAX 3	1263 g ai/ha	B					
	MON 301668	1212 g ai/ha	B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
LSD P=.05				.	.	.	.	.
Standard Deviation				.	.	.	.	.
CV				.	.	.	.	.
Levene's F^				.	.	.	.	.
Levene's Prob(F)				.	.	.	.	.
Skewness^				.	.	.	.	.
Kurtosis^				.	.	.	.	.

The Ohio State University

Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	26	27	28	29	34		
Orig./Calc. Flag	O	O	O	O	O		
SE Group	10	10	10	10	10		
Target	6 ABUTH	7 SIDSP	8 IPOHE	9 AMPAL	1 SETFA		
-Disc./Scale	W BDIC	W BDIC	W BDIC	W BDIC	W BGRM		
-Characteristic							
-Stage Majority							
-Stage Minimum							
-Stage Maximum							
Crop							
-Disc./Scale							
Variety							
-Characteristic							
-Stage Maj/Min/Max							
Part Rated							
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Assessment Unit	%	%	%	%	%		
Sample Size							
Sample Size Unit							
Sample Size (total)							
Assessment Date	Jul-28-2021	Jul-28-2021	Jul-28-2021	Jul-28-2021	Oct-13-2021		
Assessment Code	E1	E1	E1	E1	H1		
Days after first Appl.	57 DAA	57 DAA	57 DAA	57 DAA	134 DAA		
Days after last Appl.	14 DAC	14 DAC	14 DAC	14 DAC	91 DAC		
Plant.-Ass.Interval	57 DP1	57 DP1	57 DP1	57 DP1	134 DP1		
Days after Emergence	43 DE-1	43 DE-1	43 DE-1	43 DE-1	120 DE-1		
Decimals Printed	0	0	0	0			
ARM Action Codes							
Entry No.	Entry/Trt. Description	Dose Unit	26	27	28	29	30
1	ASGROW AG27XF1		100	100	100	100	100.0
	XTENDIMAX VAPORGRIP	1.607 l/ha A					
	MON 51817	576 g ai/ha A					
	MAULER	280.6 g ai/ha A					
	MON 301668	1212 g ai/ha A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v A					
	XTENDIMAX VAPORGRIP	1.607 l/ha B					
	MON 51817	576 g ai/ha B					
	ROUNDUP POWERMAX 3	1263 g ai/ha B					
	MON 301668	1212 g ai/ha B					
	CLASS ACT RIDION	1 % v/v B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v B					
	LIBERTY 280 SL	655 g ai/ha C					
	N-PAK AMS LIQUID	2.5 % v/v C					

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	26	27	28	29	34
Orig./Calc. Flag	O	O	O	O	O
SE Group	10	10	10	10	10
Target	6 ABUTH	7 SIDSP	8 IPOHE	9 AMPAL	1 SETFA
-Disc./Scale	W BDIC	W BDIC	W BDIC	W BDIC	W BGRM
-Characteristic					
-Stage Majority					
-Stage Minimum					
-Stage Maximum					
Crop					
-Disc./Scale					
Variety					
-Characteristic					
-Stage Maj/Min/Max					
Part Rated					
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Jul-28-2021	Jul-28-2021	Jul-28-2021	Jul-28-2021	Oct-13-2021
Assessment Code	E1	E1	E1	E1	H1
Days after first Appl.	57 DAA	57 DAA	57 DAA	57 DAA	134 DAA
Days after last Appl.	14 DAC	14 DAC	14 DAC	14 DAC	91 DAC
Plant.-Ass.Interval	57 DP1	57 DP1	57 DP1	57 DP1	134 DP1
Days after Emergence	43 DE-1	43 DE-1	43 DE-1	43 DE-1	120 DE-1
Decimals Printed	0	0	0	0	
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose	Dose Unit	Appl. Code	26	27	28	29	30
2	ASGROW AG35XF1				100	100	100	100	100.0
	XTENDIMAX VAPORGRIP	1.607	l/ha	A					
	MON 51817	576	g ai/ha	A					
	MAULER	280.6	g ai/ha	A					
	MON 301668	1212	g ai/ha	A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	A					
	XTENDIMAX VAPORGRIP	1.607	l/ha	B					
	MON 51817	576	g ai/ha	B					
	ROUNDUP POWERMAX 3	1263	g ai/ha	B					
	MON 301668	1212	g ai/ha	B					
	CLASS ACT RIDION	1	% v/v	B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	B					
	LIBERTY 280 SL	655	g ai/ha	C					
	N-PAK AMS LIQUID	2.5	% v/v	C					
3	ASGROW AG38XF1				100	100	100	100	100.0
	XTENDIMAX VAPORGRIP	1.607	l/ha	A					
	MON 51817	576	g ai/ha	A					
	MAULER	280.6	g ai/ha	A					
	MON 301668	1212	g ai/ha	A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	A					
	XTENDIMAX VAPORGRIP	1.607	l/ha	B					
	MON 51817	576	g ai/ha	B					
	ROUNDUP POWERMAX 3	1263	g ai/ha	B					
	MON 301668	1212	g ai/ha	B					
	CLASS ACT RIDION	1	% v/v	B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	B					
	LIBERTY 280 SL	655	g ai/ha	C					
	N-PAK AMS LIQUID	2.5	% v/v	C					
4	P34T21SE				100	100	100	100	100.0
	ENLIST ONE	1064	g ai/ha	A					
	SONIC	196.1	g ai/ha	A					
	ENLIST ONE	1064	g ai/ha	B					
	DURANGO DMA	1702	g ai/ha	B					
	DUAL II MAGNUM	1069	g ai/ha	B					
	N-PAK AMS LIQUID	2.5	% v/v	B					
	LIBERTY 280 SL	655	g ai/ha	C					
	N-PAK AMS LIQUID	2.5	% v/v	C					

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	26	27	28	29	34		
Orig./Calc. Flag	O	O	O	O	O		
SE Group	10	10	10	10	10		
Target	6 ABUTH	7 SIDSP	8 IPOHE	9 AMPAL	1 SETFA		
-Disc./Scale	W BDIC	W BDIC	W BDIC	W BDIC	W BGRM		
-Characteristic							
-Stage Majority							
-Stage Minimum							
-Stage Maximum							
Crop							
-Disc./Scale							
Variety							
-Characteristic							
-Stage Maj/Min/Max							
Part Rated							
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Assessment Unit	%	%	%	%	%		
Sample Size							
Sample Size Unit							
Sample Size (total)							
Assessment Date	Jul-28-2021	Jul-28-2021	Jul-28-2021	Jul-28-2021	Oct-13-2021		
Assessment Code	E1	E1	E1	E1	H1		
Days after first Appl.	57 DAA	57 DAA	57 DAA	57 DAA	134 DAA		
Days after last Appl.	14 DAC	14 DAC	14 DAC	14 DAC	91 DAC		
Plant.-Ass.Interval	57 DP1	57 DP1	57 DP1	57 DP1	134 DP1		
Days after Emergence	43 DE-1	43 DE-1	43 DE-1	43 DE-1	120 DE-1		
Decimals Printed	0	0	0	0			
ARM Action Codes							
Entry No.	Entry/Trt. Description	Dose Unit	26	27	28	29	30
5	B320EE		100	100	100	100	100.0
	ENLIST ONE	1064 g ai/ha A					
	SONIC	196.1 g ai/ha A					
	ENLIST ONE	1064 g ai/ha B					
	DURANGO DMA	1702 g ai/ha B					
	DUAL II MAGNUM	1069 g ai/ha B					
	N-PAK AMS LIQUID	2.5 % v/v B					
	LIBERTY 280 SL	655 g ai/ha C					
	N-PAK AMS LIQUID	2.5 % v/v C					
6	SC7320E		100	100	100	100	100.0
	ENLIST ONE	1064 g ai/ha A					
	SONIC	196.1 g ai/ha A					
	ENLIST ONE	1064 g ai/ha B					
	DURANGO DMA	1702 g ai/ha B					
	DUAL II MAGNUM	1069 g ai/ha B					
	N-PAK AMS LIQUID	2.5 % v/v B					
	LIBERTY 280 SL	655 g ai/ha C					
	N-PAK AMS LIQUID	2.5 % v/v C					
7	SC7320E		100	100	100	100	100.0
	ENLIST ONE	1064 g ai/ha A					
	MAULER	280.6 g ai/ha A					
	MON 301668	1212 g ai/ha A					
	ENLIST ONE	1064 g ai/ha B					
	ROUNDUP POWERMAX 3	1263 g ai/ha B					
	MON 301668	1212 g ai/ha B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v B					
	LIBERTY 280 SL	655 g ai/ha C					
	N-PAK AMS LIQUID	2.5 % v/v C					
LSD P=.05			.	.	.	.	.
Standard Deviation			.	.	.	.	.
CV			.	.	.	.	.
Levene's F^			.	.	.	.	.
Levene's Prob(F)			.	.	.	.	.
Skewness^			.	.	.	.	.
Kurtosis^			.	.	.	.	.

The Ohio State University

Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	35	36	37	38	39
Orig./Calc. Flag	O	O	O	O	O
SE Group	10	10	10	10	10
Target	2 ECHCG	3 AMBTR	4 CHEAL	5 AMARE	6 ABUTH
-Disc./Scale	W BGRM	W BDIC	W BDIC	W BDIC	W BDIC
-Characteristic					
-Stage Majority					
-Stage Minimum					
-Stage Maximum					
Crop					
-Disc./Scale					
Variety					
-Characteristic					
-Stage Maj/Min/Max					
Part Rated					
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Oct-13-2021	Oct-13-2021	Oct-13-2021	Oct-13-2021	Oct-13-2021
Assessment Code	H1	H1	H1	H1	H1
Days after first Appl.	134 DAA	134 DAA	134 DAA	134 DAA	134 DAA
Days after last Appl.	91 DAC	91 DAC	91 DAC	91 DAC	91 DAC
Plant.-Ass.Interval	134 DP1	134 DP1	134 DP1	134 DP1	134 DP1
Days after Emergence	120 DE-1	120 DE-1	120 DE-1	120 DE-1	120 DE-1
Decimals Printed					
ARM Action Codes					
Entry No.	31	32	33	34	35
Entry/Trt. Description					
Dose					
Dose Unit					
Appl. Code					
1 ASGROW AG27XF1	100.0	100.0	100.0	100.0	100.0
XTENDIMAX VAPORGRIP	1.607 l/ha				
MON 51817	576 g ai/ha				
MAULER	280.6 g ai/ha				
MON 301668	1212 g ai/ha				
INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v				
XTENDIMAX VAPORGRIP	1.607 l/ha				
MON 51817	576 g ai/ha				
ROUNDUP POWERMAX 3	1263 g ai/ha				
MON 301668	1212 g ai/ha				
CLASS ACT RIDION	1 % v/v				
INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v				
LIBERTY 280 SL	655 g ai/ha				
N-PAK AMS LIQUID	2.5 % v/v				

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Unique Col. ID	35	36	37	38	39
Orig./Calc. Flag	O	O	O	O	O
SE Group	10	10	10	10	10
Target	2 ECHCG	3 AMBTR	4 CHEAL	5 AMARE	6 ABUTH
-Disc./Scale	W BGRM	W BDIC	W BDIC	W BDIC	W BDIC
-Characteristic					
-Stage Majority					
-Stage Minimum					
-Stage Maximum					
Crop					
-Disc./Scale					
Variety					
-Characteristic					
-Stage Maj/Min/Max					
Part Rated					
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%
Sample Size					
Sample Size Unit					
Sample Size (total)					
Assessment Date	Oct-13-2021	Oct-13-2021	Oct-13-2021	Oct-13-2021	Oct-13-2021
Assessment Code	H1	H1	H1	H1	H1
Days after first Appl.	134 DAA	134 DAA	134 DAA	134 DAA	134 DAA
Days after last Appl.	91 DAC	91 DAC	91 DAC	91 DAC	91 DAC
Plant.-Ass.Interval	134 DP1	134 DP1	134 DP1	134 DP1	134 DP1
Days after Emergence	120 DE-1	120 DE-1	120 DE-1	120 DE-1	120 DE-1
Decimals Printed					
ARM Action Codes					

Entry No.	Entry/Trt. Description	Dose	Dose Unit	Appl. Code	31	32	33	34	35
2	ASGROW AG35XF1				100.0	100.0	100.0	100.0	100.0
	XTENDIMAX VAPORGRIP	1.607 l/ha		A					
	MON 51817	576 g ai/ha		A					
	MAULER	280.6 g ai/ha		A					
	MON 301668	1212 g ai/ha		A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		A					
	XTENDIMAX VAPORGRIP	1.607 l/ha		B					
	MON 51817	576 g ai/ha		B					
	ROUNDUP POWERMAX 3	1263 g ai/ha		B					
	MON 301668	1212 g ai/ha		B					
	CLASS ACT RIDION	1 % v/v		B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					
3	ASGROW AG38XF1				100.0	100.0	100.0	100.0	100.0
	XTENDIMAX VAPORGRIP	1.607 l/ha		A					
	MON 51817	576 g ai/ha		A					
	MAULER	280.6 g ai/ha		A					
	MON 301668	1212 g ai/ha		A					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		A					
	XTENDIMAX VAPORGRIP	1.607 l/ha		B					
	MON 51817	576 g ai/ha		B					
	ROUNDUP POWERMAX 3	1263 g ai/ha		B					
	MON 301668	1212 g ai/ha		B					
	CLASS ACT RIDION	1 % v/v		B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					
4	P34T21SE				100.0	100.0	100.0	100.0	100.0
	ENLIST ONE	1064 g ai/ha		A					
	SONIC	196.1 g ai/ha		A					
	ENLIST ONE	1064 g ai/ha		B					
	DURANGO DMA	1702 g ai/ha		B					
	DUAL II MAGNUM	1069 g ai/ha		B					
	N-PAK AMS LIQUID	2.5 % v/v		B					
	LIBERTY 280 SL	655 g ai/ha		C					
	N-PAK AMS LIQUID	2.5 % v/v		C					

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 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	35	36	37	38	39			
Orig./Calc. Flag	O	O	O	O	O			
SE Group	10	10	10	10	10			
Target	2 ECHCG	3 AMBTR	4 CHEAL	5 AMARE	6 ABUTH			
-Disc./Scale	W BGRM	W BDIC	W BDIC	W BDIC	W BDIC			
-Characteristic								
-Stage Majority								
-Stage Minimum								
-Stage Maximum								
Crop								
-Disc./Scale								
Variety								
-Characteristic								
-Stage Maj/Min/Max								
Part Rated								
Assessment Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO			
Assessment Unit	%	%	%	%	%			
Sample Size								
Sample Size Unit								
Sample Size (total)								
Assessment Date	Oct-13-2021	Oct-13-2021	Oct-13-2021	Oct-13-2021	Oct-13-2021			
Assessment Code	H1	H1	H1	H1	H1			
Days after first Appl.	134 DAA	134 DAA	134 DAA	134 DAA	134 DAA			
Days after last Appl.	91 DAC	91 DAC	91 DAC	91 DAC	91 DAC			
Plant.-Ass.Interval	134 DP1	134 DP1	134 DP1	134 DP1	134 DP1			
Days after Emergence	120 DE-1	120 DE-1	120 DE-1	120 DE-1	120 DE-1			
Decimals Printed								
ARM Action Codes								
Entry No.	Entry/Trt. Description	Dose Unit	App. Code	31	32	33	34	35
5	B320EE			100.0	100.0	100.0	100.0	100.0
	ENLIST ONE	1064 g ai/ha	A					
	SONIC	196.1 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	DURANGO DMA	1702 g ai/ha	B					
	DUAL II MAGNUM	1069 g ai/ha	B					
	N-PAK AMS LIQUID	2.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
6	SC7320E			100.0	100.0	100.0	100.0	100.0
	ENLIST ONE	1064 g ai/ha	A					
	SONIC	196.1 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	DURANGO DMA	1702 g ai/ha	B					
	DUAL II MAGNUM	1069 g ai/ha	B					
	N-PAK AMS LIQUID	2.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
7	SC7320E			100.0	100.0	100.0	100.0	100.0
	ENLIST ONE	1064 g ai/ha	A					
	MAULER	280.6 g ai/ha	A					
	MON 301668	1212 g ai/ha	A					
	ENLIST ONE	1064 g ai/ha	B					
	ROUNDUP POWERMAX 3	1263 g ai/ha	B					
	MON 301668	1212 g ai/ha	B					
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	B					
	LIBERTY 280 SL	655 g ai/ha	C					
	N-PAK AMS LIQUID	2.5 % v/v	C					
LSD P=.05			
Standard Deviation			
CV			
Levene's F^			
Levene's Prob(F)			
Skewness^			
Kurtosis^			

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Competitive Soybean Systems Comparison HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01
 Project ID: LOCAL_PROJ
 Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS
 Protocol Developer: Goddard, Matthew
 License User: Dr. Mark M. Loux

Unique Col. ID	40	41	42
Orig./Calc. Flag	O	O	O
SE Group	10	10	10
Target	7 SIDSP	8 IPOHE	9 AMPAL
-Disc./Scale	W BDIC	W BDIC	W BDIC
-Characteristic			
-Stage Majority			
-Stage Minimum			
-Stage Maximum			
Crop			
-Disc./Scale			
Variety			
-Characteristic			
-Stage Maj/Min/Max			
Part Rated			
Assessment Type	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%
Sample Size			
Sample Size Unit			
Sample Size (total)			
Assessment Date	Oct-13-2021	Oct-13-202	Oct-13-2021
Assessment Code	H1	H1	H1
Days after first Appl.	134 DAA	134 DAA	134 DAA
Days after last Appl.	91 DAC	91 DAC	91 DAC
Plant.-Ass.Interval	134 DP1	134 DP1	134 DP1
Days after Emergence	120 DE-1	120 DE-1	120 DE-1
Decimals Printed			
ARM Action Codes			

Entry No.	Entry/Trt. Description	Dose Unit	Appl. Code	36	37	38
1	ASGROW AG27XF1			100.0	95.0	100.0
	XTENDIMAX VAPORGRIP	1.607 l/ha	A			
	MON 51817	576 g ai/ha	A			
	MAULER	280.6 g ai/ha	A			
	MON 301668	1212 g ai/ha	A			
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	A			
	XTENDIMAX VAPORGRIP	1.607 l/ha	B			
	MON 51817	576 g ai/ha	B			
	ROUNDUP POWERMAX 3	1263 g ai/ha	B			
	MON 301668	1212 g ai/ha	B			
	CLASS ACT RIDION	1 % v/v	B			
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	B			
	LIBERTY 280 SL	655 g ai/ha	C			
	N-PAK AMS LIQUID	2.5 % v/v	C			

The Ohio State University

Competitive Soybean Systems Comparison

HP21USAMG2

Trial ID: HP21USAMG221SO TD Number: LOCALCREATED Protocol Edition No.: 1.01

Project ID: LOCAL_PROJ

Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS

Protocol Developer: Goddard, Matthew

License User: Dr. Mark M. Loux

Unique Col. ID	40	41	42
Orig./Calc. Flag	O	O	O
SE Group	10	10	10
Target	7 SIDSP	8 IPOHE	9 AMPAL
-Disc./Scale	W BDIC	W BDIC	W BDIC
-Characteristic			
-Stage Majority			
-Stage Minimum			
-Stage Maximum			
Crop			
-Disc./Scale			
Variety			
-Characteristic			
-Stage Maj/Min/Max			
Part Rated			
Assessment Type	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%
Sample Size			
Sample Size Unit			
Sample Size (total)			
Assessment Date	Oct-13-2021	Oct-13-2021	Oct-13-2021
Assessment Code	H1	H1	H1
Days after first Appl.	134 DAA	134 DAA	134 DAA
Days after last Appl.	91 DAC	91 DAC	91 DAC
Plant.-Ass.Interval	134 DP1	134 DP1	134 DP1
Days after Emergence	120 DE-1	120 DE-1	120 DE-1
Decimals Printed			
ARM Action Codes			

Entry No.	Entry/Trt. Description	Dose	Dose Unit	Appl. Code	36	37	38
2	ASGROW AG35XF1	100.0			100.0	98.0	100.0
	XTENDIMAX VAPORGRIP	1.607	l/ha	A			
	MON 51817	576	g ai/ha	A			
	MAULER	280.6	g ai/ha	A			
	MON 301668	1212	g ai/ha	A			
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	A			
	XTENDIMAX VAPORGRIP	1.607	l/ha	B			
	MON 51817	576	g ai/ha	B			
	ROUNDUP POWERMAX 3	1263	g ai/ha	B			
	MON 301668	1212	g ai/ha	B			
	CLASS ACT RIDION	1	% v/v	B			
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	B			
	LIBERTY 280 SL	655	g ai/ha	C			
	N-PAK AMS LIQUID	2.5	% v/v	C			
3	ASGROW AG38XF1	100.0			100.0	95.0	100.0
	XTENDIMAX VAPORGRIP	1.607	l/ha	A			
	MON 51817	576	g ai/ha	A			
	MAULER	280.6	g ai/ha	A			
	MON 301668	1212	g ai/ha	A			
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	A			
	XTENDIMAX VAPORGRIP	1.607	l/ha	B			
	MON 51817	576	g ai/ha	B			
	ROUNDUP POWERMAX 3	1263	g ai/ha	B			
	MON 301668	1212	g ai/ha	B			
	CLASS ACT RIDION	1	% v/v	B			
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5	% v/v	B			
	LIBERTY 280 SL	655	g ai/ha	C			
	N-PAK AMS LIQUID	2.5	% v/v	C			
4	P34T21SE	100.0			100.0	99.0	100.0
	ENLIST ONE	1064	g ai/ha	A			
	SONIC	196.1	g ai/ha	A			
	ENLIST ONE	1064	g ai/ha	B			
	DURANGO DMA	1702	g ai/ha	B			
	DUAL II MAGNUM	1069	g ai/ha	B			
	N-PAK AMS LIQUID	2.5	% v/v	B			
	LIBERTY 280 SL	655	g ai/ha	C			
	N-PAK AMS LIQUID	2.5	% v/v	C			

The Ohio State University

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Protocol Developer: Goddard, Matthew

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Unique Col. ID	40	41	42
Orig./Calc. Flag	O	O	O
SE Group	10	10	10
Target	7 SIDSP	8 IPOHE	9 AMPAL
-Disc./Scale	W BDIC	W BDIC	W BDIC
-Characteristic			
-Stage Majority			
-Stage Minimum			
-Stage Maximum			
Crop			
-Disc./Scale			
Variety			
-Characteristic			
-Stage Maj/Min/Max			
Part Rated			
Assessment Type	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%
Sample Size			
Sample Size Unit			
Sample Size (total)			
Assessment Date	Oct-13-2021	Oct-13-2021	Oct-13-2021
Assessment Code	H1	H1	H1
Days after first Appl.	134 DAA	134 DAA	134 DAA
Days after last Appl.	91 DAC	91 DAC	91 DAC
Plant.-Ass.Interval	134 DP1	134 DP1	134 DP1
Days after Emergence	120 DE-1	120 DE-1	120 DE-1
Decimals Printed			
ARM Action Codes			

Entry No.	Entry/Trt. Description	Dose Unit	Appl. Code	36	37	38
5	B320EE			100.0	95.0	100.0
	ENLIST ONE	1064 g ai/ha	A			
	SONIC	196.1 g ai/ha	A			
	ENLIST ONE	1064 g ai/ha	B			
	DURANGO DMA	1702 g ai/ha	B			
	DUAL II MAGNUM	1069 g ai/ha	B			
	N-PAK AMS LIQUID	2.5 % v/v	B			
	LIBERTY 280 SL	655 g ai/ha	C			
	N-PAK AMS LIQUID	2.5 % v/v	C			
6	SC7320E			100.0	95.0	100.0
	ENLIST ONE	1064 g ai/ha	A			
	SONIC	196.1 g ai/ha	A			
	ENLIST ONE	1064 g ai/ha	B			
	DURANGO DMA	1702 g ai/ha	B			
	DUAL II MAGNUM	1069 g ai/ha	B			
	N-PAK AMS LIQUID	2.5 % v/v	B			
	LIBERTY 280 SL	655 g ai/ha	C			
	N-PAK AMS LIQUID	2.5 % v/v	C			
7	SC7320E			100.0	95.0	100.0
	ENLIST ONE	1064 g ai/ha	A			
	MAULER	280.6 g ai/ha	A			
	MON 301668	1212 g ai/ha	A			
	ENLIST ONE	1064 g ai/ha	B			
	ROUNDUP POWERMAX 3	1263 g ai/ha	B			
	MON 301668	1212 g ai/ha	B			
	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	0.5 % v/v	B			
	LIBERTY 280 SL	655 g ai/ha	C			
	N-PAK AMS LIQUID	2.5 % v/v	C			
LSD	P=.05			.	.	.
Standard Deviation				.	.	.
CV				.	.	.
Levene's F^				.	.	.
Levene's Prob(F)				.	.	.
Skewness^				.	.	.
Kurtosis^				.	.	.

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Project ID: LOCAL_PROJ

Project Number(s): 0 % MD_SOY_TRAITS % 100 % MD_SOY_TRAITS

Protocol Developer: Goddard, Matthew

License User: Dr. Mark M. Loux

Target

- 1, SETFA, W, BGRM, ' , , = Setaria faberi HERRM.
- 2, ECHCG, W, BGRM, , , = Echinochloa crus-galli (L.) P.
- 3, AMBTR, W, BDIC, , , = Ambrosia trifida L.
- 4, CHEAL, W, BDIC, , , = Chenopodium album L.
- 5, AMARE, W, BDIC, , , = Amaranthus retroflexus L.
- 6, ABUTH, W, BDIC, , , = Abutilon theophrasti MEDIK.
- 7, SIDSP, W, BDIC, , , = Sida spinosa L.
- 8, IPOHE, W, BDIC, , , = Ipomoea hederacea (L.) JACQ.
- 9, AMPAL, W, BDIC, , , = Ampelamus albidus (NUTT.) BRIT

-Stage Majority

- 13 (BGRM) = 3 true leaves, leaf pairs or whorls unfolded
- 19 (BDIC) = 9 or more true leaves, leaf pairs, whorls unfolded
- 18 (BDIC) = 8 true leaves, leaf pairs or whorls unfolded
- 13 (BDIC) = 3 true leaves, leaf pairs or whorls unfolded
- 11 (BDIC) = 1st true leaf, leaf pair or whorl unfolded
- 12 (BDIC) = 2 true leaves, leaf pairs or whorls unfolded
- 16 (BDIC) = 6 true leaves, leaf pairs or whorls unfolded

-Stage Minimum

- 13 (BGRM) = 3 true leaves, leaf pairs or whorls unfolded
- 18 (BDIC) = 8 true leaves, leaf pairs or whorls unfolded
- 12 (BDIC) = 2 true leaves, leaf pairs or whorls unfolded
- 11 (BDIC) = 1st true leaf, leaf pair or whorl unfolded
- 14 (BDIC) = 4 true leaves, leaf pairs or whorls unfolded

-Stage Maximum

- 15 (BGRM) = 5 true leaves, leaf pairs or whorls unfolded
- 19 (BDIC) = 9 or more true leaves, leaf pairs, whorls unfolded
- 14 (BDIC) = 4 true leaves, leaf pairs or whorls unfolded
- 13 (BDIC) = 3 true leaves, leaf pairs or whorls unfolded
- 15 (BDIC) = 5 true leaves, leaf pairs or whorls unfolded
- 18 (BDIC) = 8 true leaves, leaf pairs or whorls unfolded

Crop

- 1, GLXMA, C, BSOY, AG27XF1, RR+LL+DIC = Glycine max (L.) MERR.

-Stage Maj/Min/Max

- 13 (BSOY) = Trifoliolate leaf on the 3rd node unfolded

Assessment Type

PHYGEN = Phytotoxicity - General, Injury

CONTRO = Control

Assessment Unit

% = Percent

Plant.-Ass.Interval

29 DP1 = 1 GLXMA Jun-1-2021

42 DP1 = 1 GLXMA Jun-1-2021

57 DP1 = 1 GLXMA Jun-1-2021

134 DP1 = 1 GLXMA Jun-1-2021