The Ohio State University

Trial ID: USB Plant Green_OSU
Protocol ID: Location: Trial Year: 2023
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact:
Investigator:

Status: E established
ARM Trial Created On: Mar-8-2023
Initiation Date: Apr-19-2023

Trial Location
Address (Location): 7721 South Charleston Pike
City: South Charleston Country: USA United States
State/Prov.: Ohio County: Clark
Postal Code: 45368 Climate Zone: EPPONE EPPO North East

Latitude of LL Corner °: 39.85574 N
Longitude of LL Corner °: -83.66871 W
Altitude of LL Corner: 1090.00 FT

Regulations
Conducted Under GLP: No
Conducted Under GEP: No

Crop Description
Crop 1: C GLXMA Glycine max — Soybean — BBCH Scale: BSOY
Entry Date: May-3-2023 — Stage Scale: BBCH
Variety: Pioneer P35T15E
Attributes: 2,4-D Choline, Glyphosate, Glufosinate Tol
Seed Size: 2518 S/LB
Planting Date: Apr-19-2023 — Planting Rate: 150500 S/A
Depth: 1 IN
Rows per Plot: 4 — Planting Method: PLANTD planted
Row Spacing: 30 IN — Planting Equipment: FE field equipment
Seed Bed: MEDIUM medium
Soil Temperature: 48 F — Soil Moisture: NORMAL normal, adequate
Emergence Date: May-9-2023

Crop 2: C SECCE Secale cereale — Rye — BBCH Scale: BCER
Entry Date: May-4-2023 — Stage Scale: BBCH
Variety: Rymin
Planting Date: Oct-11-2022 — Planting Rate: 60 LB/A
Depth: 1.5 IN
Rows per Plot: 15 — Planting Method: DRILLE drilled
Row Spacing: 7.5 IN — Planting Equipment: DD disc drill
Seed Bed: MEDTRA medium/trashy
Soil Temperature: 59 F — Soil Moisture: NORMAL normal, adequate
Emergence Date: Oct-24-2022

Pest Description
Pest 1 Type: W Code: AMATA Amaranthus x tamariscinus Entry Date: May-4-2023
Common Name: common water hemp Stage Scale: BBCH

Site and Design
Treated Plot Width: 10 FT — Site Type: FIELD field
Treated Plot Length: 30 FT — Experimental Unit: 1 PLOT plot
Treated Plot Area: 300.0 FT2 — Tillage Type: NOTILL no-till
Replications: 4 Treatments: 14 Plots: 56 — Study Design: RACOBL Randomized Complete Block (RCB)

No.	Previous Crop	Year
1.	SOYBEAN	2022

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Application Description

	A	B	C	D	E	F	G	H
Date	Apr-19-2023	Apr-27-2023	May-10-2023	May-18-2023	May-24-2023	Jun-7-2023	Jun-14-2023	Jun-7-2023
Start Time	5:11 PM	12:29 PM	8:18 AM	9:45 AM	11:15 AM	11:39 AM	8:19 AM	11:39 AM
Stop Time	5:19 PM	12:40 PM	8:25 AM	9:55 AM	11:29 AM	11:45 AM	8:35 AM	11:45 AM
Interval to Prev. Appl.		8 DAYS	13 DAYS	8 DAYS	6 DAYS	-5 MINS	7 DAYS	14 DAYS
Method	SPRAY	spray	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY
Timing	PRE	GERM	VE	VC	V1	V2	V3	4" TRT 1
Placement	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL
Applied By	Dobbels	McCormick	Dobbels	Dobbels	Dobbels	MCCORMICK	Dobbels	MCCORMICK
Entry Date	May-3-2023	May-3-2023	May-10-2023	May-18-2023	May-24-2023	Jun-8-2023	Jun-20-2023	Jun-12-2023
Air Temperature Start, Stop	76, 76 F	53, 53 F	50, 50 F	51, 51 F	72, 72 F	67, 67 F	57, 57 F	67, 67 F
% Relative Humidity Start, Stop	34, 34	54, 54	63, 63	54, 54	52, 52	35, 35	87, 87	35, 35
Wind Velocity+Dir. Start	9 MPH, SW	9 MPH, E	6 MPH, SW	8 MPH, E	4 MPH, W	9 MPH, NNE	5 MPH, NW	9 MPH, NNE
Wind Velocity+Dir. Stop	9 MPH, SW	9 MPH, E	6 MPH, SW	8 MPH, E	4 MPH, W	9 MPH, NNE	5 MPH, NW	9 MPH, NNE
Wind Velocity+Dir. Max	9 MPH, SW	9 MPH, E	6 MPH, SW	8 MPH, E	4 MPH, W	9 MPH, NNE	5 MPH, NW	9 MPH, NNE
Wet Leaves (Y/N)	N, no	N, no	N, no	N, no	N, no	N, no	N, no	N, no
Soil Temperature	61 F	44 F	51 F	50 F	62 F	69 F	58 F	69 F
Soil Moisture	normal	DRY	SLIDRY	SLIWET	DRY	DRY	SLIWET	DRY
Soil Surface Condition	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM
% Cloud Cover	15	50	2	0	0	0	50	0
First Moisture Occurred On	Apr-21-2023	Apr-28-2023	May-12-2023	May-20-2023	Jun-6-2023	Jun-11-2023	Jun-15-2023	Jun-11-2023
Time to First Moisture	3.0 DAY	21.0 HR	2.0 DAY	2.0 DAY	13.0 DAY	4.0 DAY	1.0 DAY	4.0 DAY
Moisture 6 Hours after Appl.	0 IN	0 IN	0 IN	0 IN	0 IN	0 IN	0 IN	0 IN
Moisture 24 Hours after Appl.	0 IN	0.04 IN	0 IN	0 IN	0 IN	0 IN	0 IN	0 IN
Moisture 1 Week after Appl.	0.81 IN	0.13 IN	1.01 IN	0.1 IN	0 IN	2.09 IN	0.77 IN	2.09 IN
Problems with Application?	N, no	N, no	N, no	N, no	N, no	N, no	N, no	N, no

	I	J	K
Date	Jun-14-2023	Jun-21-2023	Jul-11-2023
Start Time	8:19 AM	8:42 AM	8:50 AM
Stop Time	8:35 AM	8:50 AM	9:00 AM
Interval to Prev. Appl.	-15 MINS	7 DAYS	20 DAYS
Method	SPRAY	SPRAY	SPRAY
Timing	4" TRT 2-3-4	4" TRT 5-6	4" TRT 7-14
Placement	BROFOL	BROFOL	BROFOL
Applied By	Dobbels	MCCORMICK	DOBBELS
Entry Date	Jun-14-2023	Jun-21-2023	Jul-11-2023
Air Temperature Start, Stop	57, 57 F	67, 67 F	69, 69 F
% Relative Humidity Start, Stop	87, 87	79, 79	76, 76
Wind Velocity+Dir. Start	5 MPH, NW	7 MPH, E	6 MPH, SW
Wind Velocity+Dir. Stop	5 MPH, NW	7 MPH, E	6 MPH, SW
Wind Velocity+Dir. Max	5 MPH, NW	7 MPH, E	6 MPH, SW
Wet Leaves (Y/N)	N, no	N, no	Y, yes
Soil Temperature	58 F	61 F	70 F
Soil Moisture	SLIWET	SLIWET	SLIWET
Soil Surface Condition	MEDIUM	MEDIUM	MEDIUM
% Cloud Cover	50	15	0
First Moisture Occurred On	Jun-15-2023	Jun-23-2023	
Time to First Moisture	1.0 DAY	2.0 DAY	
Moisture 6 Hours after Appl.	0 IN	0 IN	
Moisture 24 Hours after Appl.	0 IN	0 IN	
Moisture 1 Week after Appl.	0.77 IN		
Problems with Application?	N, no	N, no	N, no

Crop Stage At Each Application

	A	B	C	D	E	F	G
Crop 1 Code, BBCH Scale	GLXMA, BSOY	GLXMA, BSOY	GLXMA, BSOY	GLXMA, BSOY	GLXMA, BSOY	GLXMA, BSOY	GLXMA, BSOY
Days after Emergence	-20	-12	1	9	15	29	36
Stage Majority, Percent	00, 100	05, 100	09, 100	10, 100	11, 100	12, 100	13, 100
Height Average							
Height Minimum, Maximum							
Crop 2 Code, BBCH Scale	SECCE, BCER	SECCE, BCER	SECCE, BCER	SECCE, BCER	SECCE, BCER	SECCE, BCER	SECCE, BCER
Days after Emergence	177	185	198	206	212	226	233
Stage Majority, Percent			59, 80				
Stage Minimum, Percent			51, 10				
Stage Maximum, Percent			59, 80				

	H	I	J	K
Crop 1 Code, BBCH Scale	GLXMA, BSOY	GLXMA, BSOY	GLXMA, BSOY	GLXMA, BSOY
Days after Emergence	29	36	43	63
Stage Majority, Percent	12, 100	13, 100	15, 100	61, 100
Height Average			11 IN	
Height Minimum, Maximum			10, 12	
Crop 2 Code, BBCH Scale	SECCE, BCER	SECCE, BCER	SECCE, BCER	SECCE, BCER
Days after Emergence	226	233	240	260
Stage Majority, Percent				
Stage Minimum, Percent				
Stage Maximum, Percent				

Pest Stage At Each Application

	A	B	C	D	E	F
Pest 1 Code, Type, Scale	AMATA, W, BBCH	AMATA, W, BBCH	AMATA, W, BBCH	AMATA, W, BBCH	AMATA, W, BBCH	AMATA, W, BBCH

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	G	H	I	J	K
Pest 1 Code, Type, Scale	AMATA, W, BBCH	AMATA, W, BBCH	AMATA, W, BBCH	AMATA, W, BBCH	AMATA, W, BBCH

Application Equipment

	A	B	C D E F G H I J K
Equipment Name	10' AIXR	10' AIXR	
Equipment Type	BACCAI	BACCAI	
Operation Pressure	44 PSI	44 PSI	
Nozzle Model	110015	110015	
Nozzle Type	AI XR	AI XR	
Nozzle TradeName	TeeJet	TeeJet	
Nozzle Tip Size, Color	015, green	015, green	
Nozzle Spacing	18 IN	18 IN	
Boom Length	10 FT	10 FT	
Boom Height	20 IN	20 IN	
Ground Speed	3 MPH	3 MPH	
Carrier	WATER	WATER	
Water Hardness (ppm CaCO3)	250	250	
Application Amount	15 GAL/AC	15 GAL/AC	
Mix Overage	25 mL	25 mL	
Mix Size	2 L	2 L	
Spray pH	7.8	7.8	
Propellant	COMCO2	COMCO2	
Tank Mix (Y/N)	Y, yes	Y, yes	

Notes

Context	Date	By	Notes
STATUS	Mar-8-2023	Rodrigo Werle	Automatically added by ARM: Trial Status updated to 'S' during trial creation.
STATUS	May-3-2023	Dr. Mark M. Loux	Automatically added by ARM: Status changed to: E: changed by (EOHLOM).
STATUS	May-3-2023	Dr. Mark M. Loux	Automatically added by ARM: Trial Status updated to 'E' when Initiation Date entered.

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Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	Appl Description	1*	2*	3*	4*
	Rating Date					Oct-10-2023	Oct-10-2023	Oct-10-2023	Oct-10-2023
	Part Rated					grain, C	grain, C	grain, C	grain, C
	Rating Type					WEIGHT	MOICON	bu	WEITES
	Rating Unit/Min/Max					lb, -, -	%, 0, 100		lb, -, -
	Sample Size					1 plot	1 qt	1 plot	1 qt
	Collection Basis					1 plot	1 qt		1 qt
	Reporting Basis					1 plot	1 plot	1 a	1 bu
	Number of Subsamples					1	1	1	1
	Crop Type, Code					C, GLXMA	C, GLXMA	C, GLXMA	C, GLXMA
	Crop Scientific Name					Glycine max	Glycine max	Glycine max	Glycine max
	Crop Name					Soybean	Soybean	Soybean	Soybean
	Days After First/Last Applic.					174, 91	174, 91	174, 91	174, 91
	Plant-Eval Interval					174 DP-1	174 DP-1	174 DP-1	174 DP-1
	Days After Emergence					154 DE-1	154 DE-1	154 DE-1	154 DE-1
	Number of Decimals					2	2	2	2
	Data Entry Date					Oct-30-2023	Oct-30-2023	Oct-30-2023	Oct-30-2023
1	Roundup PowerMax3	30	fl oz/a	A	At planting	11.51 a	14.78 a	54.41 a	54.10 a
1	Liberty	32	fl oz/a	A	At planting				
1	AMS	1.5	qt/a	A	At planting				
1	Enlist One	32	fl oz/a	H	4 " pigweed				
1	Liberty	32	fl oz/a	H	4 " pigweed				
1	Warrant	48	fl oz/a	H	4 " pigweed				
1	AMS	1.5	qt/a	H	4 " pigweed				
2	Roundup PowerMax3	30	fl oz/a	A	At planting	11.16 a	13.15 a	54.01 a	53.98 a
2	Liberty	32	fl oz/a	A	At planting				
2	AMS	1.5	qt/a	A	At planting				
2	Zidua SC	5	fl oz/a	A	At planting				
2	Enlist One	32	fl oz/a	I	4 " pigweed				
2	Liberty	32	fl oz/a	I	4 " pigweed				
2	Warrant	48	fl oz/a	I	4 " pigweed				
2	AMS	1.5	qt/a	I	4 " pigweed				
3	Roundup PowerMax3	30	fl oz/a	B	At soy germination	11.92 a	12.40 a	58.16 a	51.53 a
3	Liberty	32	fl oz/a	B	At soy germination				
3	AMS	1.5	qt/a	B	At soy germination				
3	Enlist One	32	fl oz/a	I	4 " pigweed				
3	Liberty	32	fl oz/a	I	4 " pigweed				
3	Warrant	48	fl oz/a	I	4 " pigweed				
3	AMS	1.5	qt/a	I	4 " pigweed				
4	Roundup PowerMax3	30	fl oz/a	B	At soy germination	13.58 a	13.05 a	65.56 a	52.98 a
4	Liberty	32	fl oz/a	B	At soy germination				
4	AMS	1.5	qt/a	B	At soy germination				
4	Zidua SC	5	fl oz/a	B	At soy germination				
4	Enlist One	32	fl oz/a	I	4 " pigweed				
4	Liberty	32	fl oz/a	I	4 " pigweed				
4	Warrant	48	fl oz/a	I	4 " pigweed				
4	AMS	1.5	qt/a	I	4 " pigweed				
5	Roundup PowerMax3	30	fl oz/a	C	At Soy VE	10.79 a	11.35 a	53.18 a	51.68 a
5	Liberty	32	fl oz/a	C	At Soy VE				
5	AMS	1.5	qt/a	C	At Soy VE				
5	Enlist One	32	fl oz/a	J	4 " pigweed				
5	Liberty	32	fl oz/a	J	4 " pigweed				
5	Warrant	48	fl oz/a	J	4 " pigweed				
5	AMS	1.5	qt/a	J	4 " pigweed				
6	Roundup PowerMax3	30	fl oz/a	C	At Soy VE	9.80 a	8.43 abc	48.36 a	40.85 ab
6	Liberty	32	fl oz/a	C	At Soy VE				
6	AMS	1.5	qt/a	C	At Soy VE				
6	Zidua SC	5	fl oz/a	C	At Soy VE				
6	Enlist One	32	fl oz/a	J	4 " pigweed				
6	Liberty	32	fl oz/a	J	4 " pigweed				
6	Warrant	48	fl oz/a	J	4 " pigweed				
6	AMS	1.5	qt/a	J	4 " pigweed				

Means followed by same letter or symbol do not significantly differ (P=.05, Student-Newman-Keuls).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
* Adjusted means
^Calculated from residual.

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Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	Appl Description	1*	2*	3*	4*
	Rating Date					Oct-10-2023	Oct-10-2023	Oct-10-2023	Oct-10-2023
	Part Rated					grain, C	grain, C	grain, C	grain, C
	Rating Type					WEIGHT	MOICON	bu	WEITES
	Rating Unit/Min/Max					lb, -, -	%, 0, 100		lb, -, -
	Sample Size					1 plot	1 qt	1 plot	1 qt
	Collection Basis					1 plot	1 qt		1 qt
	Reporting Basis					1 plot	1 plot	1 a	1 bu
	Number of Subsamples					1	1	1	1
	Crop Type, Code					C, GLXMA	C, GLXMA	C, GLXMA	C, GLXMA
	Crop Scientific Name					Glycine max	Glycine max	Glycine max	Glycine max
	Crop Name					Soybean	Soybean	Soybean	Soybean
	Days After First/Last Applic.					174, 91	174, 91	174, 91	174, 91
	Plant-Eval Interval					174 DP-1	174 DP-1	174 DP-1	174 DP-1
	Days After Emergence					154 DE-1	154 DE-1	154 DE-1	154 DE-1
	Number of Decimals					2	2	2	2
	Data Entry Date					Oct-30-2023	Oct-30-2023	Oct-30-2023	Oct-30-2023
7	Roundup PowerMax3	30	fl oz/a	D	At Soy VC	8.23 ab	9.03 ab	40.26 ab	39.78 ab
7	Liberty	32	fl oz/a	D	At Soy VC				
7	AMS	1.5	qt/a	D	At Soy VC				
7	Enlist One	32	fl oz/a	K	4 " pigweed				
7	Liberty	32	fl oz/a	K	4 " pigweed				
7	Warrant	48	fl oz/a	K	4 " pigweed				
7	AMS	1.5	qt/a	K	4 " pigweed				
8	Roundup PowerMax3	30	fl oz/a	D	At Soy VC	6.42 abc	7.89 abc	32.07 abc	35.85 ab
8	Liberty	32	fl oz/a	D	At Soy VC				
8	AMS	1.5	qt/a	D	At Soy VC				
8	Zidua SC	5	fl oz/a	D	At Soy VC				
8	Enlist One	32	fl oz/a		4 " pigweed				
8	Liberty	32	fl oz/a		4 " pigweed				
8	Warrant	48	fl oz/a		4 " pigweed				
8	AMS	1.5	qt/a		4 " pigweed				
9	Roundup PowerMax3	30	fl oz/a	E	At Soy V1	1.84 bc	2.85 bc	9.06 bc	13.43 bc
9	Liberty	32	fl oz/a	E	At Soy V1				
9	AMS	1.5	qt/a	E	At Soy V1				
9	Enlist One	32	fl oz/a		4 " pigweed				
9	Liberty	32	fl oz/a		4 " pigweed				
9	Warrant	48	fl oz/a		4 " pigweed				
9	AMS	1.5	qt/a		4 " pigweed				
10	Roundup PowerMax3	30	fl oz/a	E	At Soy V1	2.92 bc	3.53 bc	13.98 bc	11.80 bc
10	Liberty	32	fl oz/a	E	At Soy V1				
10	AMS	1.5	qt/a	E	At Soy V1				
10	Zidua SC	5	fl oz/a	E	At Soy V1				
10	Enlist One	32	fl oz/a		4 " pigweed				
10	Liberty	32	fl oz/a		4 " pigweed				
10	Warrant	48	fl oz/a		4 " pigweed				
10	AMS	1.5	qt/a		4 " pigweed				
11	Roundup PowerMax3	30	fl oz/a	F	At Soy V2	0.00 c	0.00 c	0.00 c	0.00 c
11	Liberty	32	fl oz/a	F	At Soy V2				
11	AMS	1.5	qt/a	F	At Soy V2				
11	Enlist One	32	fl oz/a		4 " pigweed				
11	Liberty	32	fl oz/a		4 " pigweed				
11	Warrant	48	fl oz/a		4 " pigweed				
11	AMS	1.5	qt/a		4 " pigweed				
12	Roundup PowerMax3	30	fl oz/a	F	At Soy V2	0.00 c	0.00 c	0.00 c	0.00 c
12	Liberty	32	fl oz/a	F	At Soy V2				
12	AMS	1.5	qt/a	F	At Soy V2				
12	Zidua SC	5	fl oz/a	F	At Soy V2				
12	Enlist One	32	fl oz/a		4 " pigweed				
12	Liberty	32	fl oz/a		4 " pigweed				
12	Warrant	48	fl oz/a		4 " pigweed				
12	AMS	1.5	qt/a		4 " pigweed				

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Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
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Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	Appl Description	1*	2*	3*	4*
	Rating Date					Oct-10-2023	Oct-10-2023	Oct-10-2023	Oct-10-2023
	Part Rated					grain, C	grain, C	grain, C	grain, C
	Rating Type					WEIGHT	MOICON	bu	WEITES
	Rating Unit/Min/Max					lb, -, -	%, 0, 100		lb, -, -
	Sample Size					1 plot	1 qt	1 plot	1 qt
	Collection Basis					1 plot	1 qt		1 qt
	Reporting Basis					1 plot	1 plot	1 a	1 bu
	Number of Subsamples					1	1	1	1
	Crop Type, Code					C, GLXMA	C, GLXMA	C, GLXMA	C, GLXMA
	Crop Scientific Name					Glycine max	Glycine max	Glycine max	Glycine max
	Crop Name					Soybean	Soybean	Soybean	Soybean
	Days After First/Last Applic.					174, 91	174, 91	174, 91	174, 91
	Plant-Eval Interval					174 DP-1	174 DP-1	174 DP-1	174 DP-1
	Days After Emergence					154 DE-1	154 DE-1	154 DE-1	154 DE-1
	Number of Decimals					2	2	2	2
	Data Entry Date					Oct-30-2023	Oct-30-2023	Oct-30-2023	Oct-30-2023
13	Roundup PowerMax3	30	fl oz/a	G	At Soy V3	0.00 c	0.00 c	0.00 c	0.00 c
13	Liberty	32	fl oz/a	G	At Soy V3				
13	AMS	1.5	qt/a	G	At Soy V3				
13	Enlist One	32	fl oz/a		4 " pigweed				
13	Liberty	32	fl oz/a		4 " pigweed				
13	Warrant	48	fl oz/a		4 " pigweed				
13	AMS	1.5	qt/a		4 " pigweed				
14	Roundup PowerMax3	30	fl oz/a	G	At Soy V3	0.00 c	0.00 c	0.00 c	0.00 c
14	Liberty	32	fl oz/a	G	At Soy V3				
14	AMS	1.5	qt/a	G	At Soy V3				
14	Zidua SC	5	fl oz/a	G	At Soy V3				
14	Enlist One	32	fl oz/a		4 " pigweed				
14	Liberty	32	fl oz/a		4 " pigweed				
14	Warrant	48	fl oz/a		4 " pigweed				
14	AMS	1.5	qt/a		4 " pigweed				
	LSD P=.05					4.887	5.356	23.923	21.874
	Standard Deviation					3.417	3.745	16.727	15.294
	CV					54.25	54.37	54.58	52.74
	Grand Mean					6.299	6.888	30.646	28.996
	Levene's F^					0.765	0.662	0.772	0.912
	Levene's Prob(F)					0.69	0.787	0.684	0.549
	Rank X2					.	.	.	.
	P(Rank X2)					.	.	.	.
	Shapiro-Wilk^					0.966	0.9532*	0.9624	0.8942*
	P(Shapiro-Wilk)^					0.1155	0.0296*	0.0782	0.0001*
	Skewness^					-0.4329	0.1029	-0.5041	-0.3126
	P(Skewness)^					0.1916	0.7544	0.1295	0.344
	Kurtosis^					2.191*	1.79*	2.2385*	3.4256*
	P(Kurtosis)^					0.0013*	0.0075*	0.001*	0.0*
	Replicate F					1.761	2.122	1.614	1.246
	Replicate Prob(F)					0.1706	0.1130	0.2017	0.3062
	Treatment F					9.528	9.106	9.351	9.282
	Treatment Prob(F)					0.0001	0.0001	0.0001	0.0001

C = Crop is Part Rated

Rating Type
WEIGHT = weight
MOICON = moisture content
WEITES = weight - test

Rating Unit/Min/Max
lb, , = pound
%, 0, 100 = percent

plot = total plot
qt = quart

plot = total plot
qt = quart

plot = total plot
a = acre

Means followed by same letter or symbol do not significantly differ (P=.05, Student-Newman-Keuls).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
* Adjusted means
^Calculated from residual.

The Ohio State University

Trial ID: USB Plant Green_OSU
Protocol ID: Location: Trial Year: 2023
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact:
Investigator:

bu = bushel
Crop Type, Code
C = EPPO species (Bayer) codes
GLXMA, BSOY, Glycine max, Soybean = US
Plant-Eval Interval
174 DP-1 = 1 GLXMA Apr-19-2023

Means followed by same letter or symbol do not significantly differ (P=.05, Student-Newman-Keuls).
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* Adjusted means
^Calculated from residual.