

Purdue University Weed Science

University Exposure of Helms new Reviton™ Herbicide for control of weeds in a Burndown management situation with various tank-mix partners.

Trial ID: 22S-MGS-SOY-12 Cooperator Trial ID:
 Protocol ID: 22S-MGS-SOY-12 Location: MEIGS Trial Year: 2022
 Project ID: 2022-H-US01 Project ID 2: Project ID 3:
 Study Director: Brent Mansfield Sponsor Contact: Brock Waggoner - Helm
 Investigator (Creator): Dr. Bill Johnson

General Trial Information

Study Director: Brent Mansfield **Title:** Research Associate
Investigator: Dr. Bill Johnson **Title:** Professor

Discipline: H herbicide
Status: E established

ARM Trial Created On: May-9-2022
Initiation Date: May-11-2022

Trial Location

City: Lafayette **Country:** USA United States
State/Prov.: Indiana
Postal Code: 47907

Latitude of LL Corner °: 40.2701833 N
Longitude of LL Corner °: -86.8828667 W

Conducted Under GLP: No
Conducted Under GEP: No

Contacts

Role: STYDIR study director
Study Director: Brent Mansfield **Title:** Research Associate
Organization: Purdue University
Address 1: 915 W. State Street
Country: USA United States **E-mail:** brentmansfield@purdue.edu
City: West Lafayette **State/Prov:** IN **Postal Code:** 47907
Role: INVEST investigator
Investigator: Dr. Bill Johnson **Title:** Professor
Organization: Purdue University
Address 1: 915 W. State Street
Country: USA United States **E-mail:** wgj@purdue.edu
City: West Lafayette **State/Prov:** IN **Postal Code:** 47907
Role: SPONSR sponsor
Sponsor: Brock Waggoner - Helm
Role: COOPER cooperator
Cooperator: Jay Young **Title:** Superintendent
Organization: Purdue University
Address 1: 8343 US 231 S **Phone No.:** 765-538-3422
 Fax No.: 765-538-3423
Country: USA United States **E-mail:** jayyoung@purdue.edu
City: Lafayette **State/Prov:** IN **Postal Code:** 47909

Crop Description

Crop 1: C GLXMA Glycine max Soybean **BBCH Scale:** BSOY
Entry Date: Jun-22-2022 **Stage Scale:** BBCH
Variety: STINE 30EB32
Attributes: Glyphosate-R, Glufosinate-R, 2,4-D-R
Planting Date: May-24-2022 **Planting Rate:** 140000 S/A
Depth: 1.75 IN
Rows per Plot: 4 **Planting Method:** PLANTD planted
Row Spacing: 30 IN **Planting Equipment:** PP plot planter
Soil Temperature: 58 F **Soil Moisture:** NORMAL normal, adequate
Emergence Date: May-30-2022

Pest Description

Pest 1 Type: W **Code:** AMBTR Ambrosia trifida **Entry Date:** Jun-22-2022
Common Name: Giant ragweed **Stage Scale:** BBCH
Pest 2 Type: W **Code:** ERICA Erigeron canadensis **Entry Date:** Jun-22-2022
Common Name: mare's-tail **Stage Scale:** BBCH
Attributes: Glyphosate-R
Pest 3 Type: W **Code:** CHEAL Chenopodium album **Entry Date:** Jun-22-2022
Common Name: common lambsquarters **Stage Scale:** BBCH

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Site and Design

Treated Plot Width: 6.67 FT **Site Type:** FIELD field
Treated Plot Length: 30 FT **Experimental Unit:** 1 PLOT plot
Treated Plot Area: 200.1 FT² **Tillage Type:** NOTILL no-till
Replications: 4 **Treatments:** 9 **Plots:** 36 **Study Design:** RACOB� Randomized Complete Block (RCB)

Field Prep./Maintenance:

Nontreated checks were sprayed with glyphosate to control giant ragweed

All herbicide treatments received a post application of Enlist One @ 32 fl oz/ac + Liberty @ 32 fl oz/ac + Amsol @ 2.5 % v/v at 35 DAA

Soil Description

Description Name: MEIGS-S5
% Sand: 27 **% OM:** 2.4 **Texture:** SIL silt loam
% Silt: 52 **Soil Name:** Starks-Fincastle complex
% Clay: 21 **Fert. Level:** G good
pH: 7.1 **CEC:** 9.3

Weather Conditions

Overall Moisture Conditions: NORMAL normal
Weather Station Name: MEIGS **Distance:** 0.1 MI

No.	Date	Moisture Total	Unit	Min Temp	Max Temp	Avg Temp	Temp Unit
1.	May-1-2022	0	IN	51.1	63.7	55.8	F
2.	May-2-2022	0	IN	43.2	66	55.4	F
3.	May-3-2022	0.71	IN	46	67.8	57.4	F
4.	May-4-2022	0	IN	46	61.5	53.6	F
5.	May-5-2022	0.66	IN	53.6	56.7	54.7	F
6.	May-6-2022	0.07	IN	51.8	57.2	55.2	F
7.	May-7-2022	0	IN	48.7	68.2	58.1	F
8.	May-8-2022	0	IN	44.6	68.7	58.5	F
9.	May-9-2022	0	IN	52.9	81	67.5	F
10.	May-10-2022	0	IN	66.6	88.9	76.6	F
11.	May-11-2022	0	IN	73	92.3	81.5	F
12.	May-12-2022	0	IN	67.8	90	78.1	F
13.	May-13-2022	0	IN	61.9	89.6	76.8	F
14.	May-14-2022	0.74	IN	59.7	88.2	70.7	F
15.	May-15-2022	1.02	IN	57	86.2	67.6	F
16.	May-16-2022	0.01	IN	52.7	76.8	64.6	F
17.	May-17-2022	0	IN	53.4	77.7	66	F
18.	May-18-2022	0.1	IN	57.9	66.9	62.8	F
19.	May-19-2022	0	IN	59.7	82.2	69.6	F
20.	May-20-2022	0	IN	66.4	86.9	77.2	F
21.	May-21-2022	0.1	IN	58.3	77.7	66.7	F
22.	May-22-2022	0	IN	53.2	64.6	58.3	F
23.	May-23-2022	0	IN	48.4	68.7	58.3	F
24.	May-24-2022	0	IN	50.2	75.6	63.7	F
25.	May-25-2022	0.05	IN	61.7	85.6	70.7	F
26.	May-26-2022	1.68	IN	60.8	75.4	67.5	F
27.	May-27-2022	0.03	IN	53.4	67.8	59.9	F
28.	May-28-2022	0	IN	51.6	73.2	63	F
29.	May-29-2022	0	IN	59.5	82.9	71.4	F
30.	May-30-2022	0	IN	67.1	88.5	77.7	F
31.	May-31-2022	0	IN	71.6	89.4	79.7	F
32.	Jun-1-2022	0	IN	66	81	74.7	F
33.	Jun-2-2022	0.01	IN	61.3	79.9	69.8	F

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34.	Jun-3-2022	0	IN	54.1	84.2	70.5	F
35.	Jun-4-2022	0	IN	51.4	84.2	70.3	F
36.	Jun-5-2022	0	IN	56.8	85.3	73	F
37.	Jun-6-2022	0	IN	64	85.8	73.8	F
38.	Jun-7-2022	0	IN	62.2	77.9	70	F
39.	Jun-8-2022	0.02	IN	55.2	77.5	64.6	F
40.	Jun-9-2022	0	IN	56.7	78.8	66.7	F
41.	Jun-10-2022	0.1	IN	54	79.7	66	F
42.	Jun-11-2022	0.23	IN	58.5	79.7	68.2	F
43.	Jun-12-2022	0.02	IN	65.8	84	73.8	F
44.	Jun-13-2022	0	IN	68.7	91	79.3	F
45.	Jun-14-2022	0	IN	74.8	95.5	85.8	F
46.	Jun-15-2022	0	IN	75	94.6	85.5	F
47.	Jun-16-2022	0	IN	76.6	97.3	86	F
48.	Jun-17-2022	0	IN	69.1	88.2	79.2	F
49.	Jun-18-2022	0	IN	60.8	82.2	70.3	F
50.	Jun-19-2022	0	IN	52.2	83.8	70.3	F
51.	Jun-20-2022	0	IN	57.4	90.1	75.4	F
52.	Jun-21-2022	0	IN	63.9	96.3	81.7	F
53.	Jun-22-2022	0	IN	72	90.3	81.5	F
54.	Jun-23-2022	0.23	IN	62.4	89.1	76.6	F
55.	Jun-24-2022	0	IN	59	93	76.6	F
56.	Jun-25-2022	0.01	IN	63.9	82.6	74.3	F
57.	Jun-26-2022	0.22	IN	64.2	81.5	74.1	F
58.	Jun-27-2022	0	IN	54.7	79.3	68.4	F
59.	Jun-28-2022	0	IN	55.2	82.9	69.8	F
60.	Jun-29-2022	0	IN	57.6	87.3	73.9	F
61.	Jun-30-2022	0	IN	61	90.5	77.4	F
62.	Jul-1-2022	0	IN	68.5	90.7	77.5	F
63.	Jul-2-2022	0	IN	66.6	86.4	76.3	F
64.	Jul-3-2022	0	IN	57.6	89.8	75.9	F
65.	Jul-4-2022	0.01	IN	64.6	91.4	79	F
66.	Jul-5-2022	0	IN	77.2	98.2	87.3	F
67.	Jul-6-2022	0	IN	74.3	90	81.9	F
68.	Jul-7-2022	0.05	IN	70.3	84.7	77	F
69.	Jul-8-2022	0.23	IN	70	76.3	72.5	F
70.	Jul-9-2022	0	IN	67.5	84.6	74.1	F
71.	Jul-10-2022	0	IN	57.9	90.7	73.4	F
72.	Jul-11-2022	0	IN	59.5	88	75.9	F
73.	Jul-12-2022	0	IN	67.6	83.8	76.1	F
74.	Jul-13-2022	0	IN	62.8	86.5	75	F
75.	Jul-14-2022	0	IN	57.4	84.9	72.5	F
76.	Jul-15-2022	0.1	IN	58.1	77.4	68.2	F
77.	Jul-16-2022	0.49	IN	69.6	89.4	79	F
78.	Jul-17-2022	0.47	IN	68.9	76.3	72.7	F
79.	Jul-18-2022	0	IN	68.9	87.6	75.6	F

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Application Description

	A
Application Date	May-11-2022
Appl. Start Time	12:30 PM
Appl. Stop Time	12:50 PM
Application Method	SPRAY
Application Timing	BURNDOWN
Application Placement	BROFOL
Applied By	J. HAARMANN
Appl. Entry Date	Jun-22-2022
Air Temperature Start, Stop	88, 88 F
% Relative Humidity Start, Stop	53, 53
Wind Velocity+Dir. Start	0 MPH, E
Wind Velocity+Dir. Stop	5 MPH, E
Wind Velocity+Dir. Max	3 MPH, E
Wet Leaves (Y/N)	N, no
Soil Temperature	85 F
Soil Moisture	SLIWET
% Cloud Cover	30

Crop Stage At Each Application

	A
Crop 1 Code, BBCH Scale	GLXMA, BSOY
Days after Emergence	-19
Stage Majority, Percent	00, -
Stage Minimum, Percent	00, -
Stage Maximum, Percent	00, -
Height Average	0 IN

Pest Stage At Each Application

	A
Pest 1 Code, Type, Scale	AMBTR, W, BBCH
Height Average	4 IN
Height Minimum, Maximum	4, 6
Density Average	6 FT2
Density Minimum, Maximum	2, 8
Pest 2 Code, Type, Scale	ERICA, W, BBCH
Height Average	1 IN
Height Minimum, Maximum	0.5, 2
Density Average	0.5 FT2
Density Minimum, Maximum	0, 1
Pest 3 Code, Type, Scale	CHEAL, W, BBCH
Height Average	2 IN
Height Minimum, Maximum	0.5, 3
Density Average	4 FT2
Density Minimum, Maximum	3, 15

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Application Equipment	
	A
Appl. Equipment	CO2 BACKPACK
Equipment Type	BACSPR
Operation Pressure	30 PSI
Nozzle Model	XR
Nozzle Type	FLAFXR
Nozzle TradeName	TEEJET
Nozzle Tip Size, Color	80015, GREEN
Nozzle Spacing	20 IN
Nozzles/Row	4
Boom Length	6.67 FT
Ground Speed	3 MPH
Carrier	WATER
Application Amount	15 GAL/AC
Mix Size	1119.0 mL
Propellant	COMCO2

Notes			
Context	Date	By	Notes
STATUS	May-9-2022	Dr. Bill Johnson	Automatically added by ARM: Trial Status updated to 'S' during trial creation.
STATUS	Jun-22-2022	Dr. Bill Johnson	Automatically added by ARM: Trial Status changed to: E: changed by (EINJOW).
STATUS	Jun-22-2022	Dr. Bill Johnson	Automatically added by ARM: Trial Status updated to 'E' when Initiation Date entered.

Pest Type	W, Weed	W, Weed	W, Weed	W, Weed	W, Weed		
Pest Code	AMBTR	ERICA	AMBTR	ERICA	AMBTR		
Pest Scientific Name	Ambrosia trifida	Erigeron canad>	Ambrosia trifida	Erigeron canad>	Ambrosia trifida		
Pest Name	Giant ragweed	mare's-tail	Giant ragweed	mare's-tail	Giant ragweed		
Rating Date	May-18-2022	May-18-2022	May-25-2022	May-25-2022	Jun-1-2022		
Part Rated	PLANT, P	PLANT, P	PLANT, P	PLANT, P	PLANT, P		
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Number of Subsamples	1	1	1	1	1		
Data Entry Date	Jul-20-2022	Jul-20-2022	Jul-20-2022	Jul-20-2022	Jul-20-2022		
Days After First/Last Applic.	7, 7	7, 7	14, 14	14, 14	21, 21		
Trt-Eval Interval	7 DA-A	7 DA-A	14 DA-A	14 DA-A	21 DA-A		
Plant-Eval Interval	-6 DP-1	-6 DP-1	1 DP-1	1 DP-1	8 DP-1		
Days After Emergence	-12 DE-1	-12 DE-1	-5 DE-1	-5 DE-1	2 DE-1		
Trt Treatment	Rate	Appl	1	2	3	4	5
No. Name	Rate Unit	Code					
1 NONTREATED			0.0	0.0	0.0	0.0	0.0
2 REVITON	2 fl oz/a	A	95.3 -	93.8 -	96.0 -	85.0 -	90.0 -
DESTINY HC	1 % v/v	A					
3 REVITON	1 fl oz/a	A	96.0 -	99.3 -	97.5 -	97.0 -	96.3 -
ROUNDUP POWERMAX	22 fl oz/a	A					
AMSOL	8.5 lb ai/100 gal	A					
DESTINY HC	1 % v/v	A					
4 REVITON	1 fl oz/a	A	96.3 -	100.0 -	97.3 -	100.0 -	90.0 -
LIBERTY	32 fl oz/a	A					
AMSOL	8.5 lb ai/100 gal	A					
DESTINY HC	1 % v/v	A					
5 REVITON	1 fl oz/a	A	98.8 -	99.8 -	96.3 -	98.8 -	93.8 -
ROUNDUP POWERMAX	22 fl oz/a	A					
RANCOR	1 pt/a	A					
AMSOL	8.5 lb ai/100 gal	A					
DESTINY HC	1 % v/v	A					
6 REVITON	1 fl oz/a	A	96.8 -	98.3 -	96.0 -	92.5 -	90.0 -
ARROW 2EC	6 fl oz/a	A					
AMSOL	8.5 lb ai/100 gal	A					
DESTINY HC	1 % v/v	A					

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	W, Weed AMBTR	W, Weed ERICA	W, Weed AMBTR	W, Weed ERICA	W, Weed AMBTR
Pest Type	Ambrosia trifida	Erigeron canadensis	Ambrosia trifida	Erigeron canadensis	Ambrosia trifida
Pest Code	Giant ragweed	mare's-tail	Giant ragweed	mare's-tail	Giant ragweed
Pest Scientific Name	May-18-2022	May-18-2022	May-25-2022	May-25-2022	Jun-1-2022
Pest Name	PLANT, P	PLANT, P	PLANT, P	PLANT, P	PLANT, P
Rating Date	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Part Rated	1	1	1	1	1
Rating Type	Jul-20-2022	Jul-20-2022	Jul-20-2022	Jul-20-2022	Jul-20-2022
Number of Subsamples	7, 7	7, 7	14, 14	14, 14	21, 21
Data Entry Date	7 DA-A	7 DA-A	14 DA-A	14 DA-A	21 DA-A
Days After First/Last Applic.	-6 DP-1	-6 DP-1	1 DP-1	1 DP-1	8 DP-1
Trt-Eval Interval	-12 DE-1	-12 DE-1	-5 DE-1	-5 DE-1	2 DE-1
Plant-Eval Interval					
Days After Emergence					
Trt No.	1	2	3	4	5
Treatment Name					
Rate Unit					
Appl Code					
7	96.5 -	99.8 -	99.8 -	99.0 -	100.0 -
REVITON	1 fl oz/a	A			
LO-VOL 4 2,4-D ESTER	1 pt/a	A			
AMSOL	8.5 lb ai/100 gal	A			
DESTINY HC	1 % v/v	A			
8	98.3 -	99.8 -	99.8 -	98.8 -	100.0 -
REVITON	1 fl oz/a	A			
ROUNDUP POWERMAX	22 fl oz/a	A			
LO-VOL 4 2,4-D ESTER	1 pt/a	A			
AMSOL	8.5 lb ai/100 gal	A			
DESTINY HC	1 % v/v	A			
9	99.5 -	100.0 -	95.0 -	98.0 -	95.0 -
REVITON	1 fl oz/a	A			
ROUNDUP POWERMAX	22 fl oz/a	A			
HELMET	1.41 pt/a	A			
RANCOR	10.5 fl oz/a	A			
AMSOL	8.5 lb ai/100 gal	A			
DESTINY HC	1 % v/v	A			
LSD P=.05	2.94	5.01	3.65	12.64	9.22
Standard Deviation	2.00	3.41	2.48	8.60	6.27
CV	2.06	3.45	2.55	8.94	6.64
Levene's F^	1.89	1.451	0.44	1.18	0.593
Levene's Prob(F)	0.116	0.232	0.867	0.35	0.755
Shapiro-Wilk^	0.9793	0.7552*	0.9617	0.8172*	0.96
P(Shapiro-Wilk)^	0.7798	0.0*	0.3058	0.0*	0.2752
Skewness^	-0.0666	-2.0417*	-0.0681	-1.8038*	0.0587
P(Skewness)^	0.8789	0.0*	0.8762	0.0002*	0.8931
Kurtosis^	-0.5778	10.0858*	-1.0107	8.1531*	-0.1774
P(Kurtosis)^	0.5001	0.0*	0.2417	0.0*	0.8355
Replicate F	2.462	1.338	8.799	2.030	11.136
Replicate Prob(F)	0.0908	0.2888	0.0006	0.1404	0.0001
Treatment F	2.227	1.555	2.014	1.378	1.818
Treatment Prob(F)	0.0736	0.2037	0.1013	0.2656	0.1365

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Pest Type				W, Weed
Pest Code				ERICA
Pest Scientific Name				Erigeron canad>
Pest Name				mare's-tail
Rating Date				Jun-1-2022
Part Rated				PLANT, P
Rating Type				CONTRO
Number of Subsamples				1
Data Entry Date				Jul-20-2022
Days After First/Last Applic.				21, 21
Trt-Eval Interval				21 DA-A
Plant-Eval Interval				8 DP-1
Days After Emergence				2 DE-1
Trt No.	Treatment Name	Rate	Appl Code	6
		Rate Unit		
1	NONTREATED			0.0
2	REVITON	2 fl oz/a	A	85.0 -
	DESTINY HC	1 % v/v	A	
3	REVITON	1 fl oz/a	A	90.0 -
	ROUNDUP POWERMAX	22 fl oz/a	A	
	AMSOL	8.5 lb ai/100 gal	A	
	DESTINY HC	1 % v/v	A	
4	REVITON	1 fl oz/a	A	100.0 -
	LIBERTY	32 fl oz/a	A	
	AMSOL	8.5 lb ai/100 gal	A	
	DESTINY HC	1 % v/v	A	
5	REVITON	1 fl oz/a	A	97.5 -
	ROUNDUP POWERMAX	22 fl oz/a	A	
	RANCOR	1 pt/a	A	
	AMSOL	8.5 lb ai/100 gal	A	
	DESTINY HC	1 % v/v	A	
6	REVITON	1 fl oz/a	A	92.5 -
	ARROW 2EC	6 fl oz/a	A	
	AMSOL	8.5 lb ai/100 gal	A	
	DESTINY HC	1 % v/v	A	

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Pest Type				W, Weed
Pest Code				ERICA
Pest Scientific Name				Erigeron canadensis
Pest Name				mare's-tail
Rating Date				Jun-1-2022
Part Rated				PLANT, P
Rating Type				CONTRO
Number of Subsamples				1
Data Entry Date				Jul-20-2022
Days After First/Last Applic.				21, 21
Trt-Eval Interval				21 DA-A
Plant-Eval Interval				8 DP-1
Days After Emergence				2 DE-1
Trt Treatment	Rate	Appl		
No. Name	Rate Unit	Code	6	
7	REVITON	1 fl oz/a	A	98.8 -
	LO-VOL 4 2,4-D ESTER	1 pt/a	A	
	AMSOL	8.5 lb ai/100 gal	A	
	DESTINY HC	1 % v/v	A	
8	REVITON	1 fl oz/a	A	98.8 -
	ROUNDUP POWERMAX	22 fl oz/a	A	
	LO-VOL 4 2,4-D ESTER	1 pt/a	A	
	AMSOL	8.5 lb ai/100 gal	A	
	DESTINY HC	1 % v/v	A	
9	REVITON	1 fl oz/a	A	97.5 -
	ROUNDUP POWERMAX	22 fl oz/a	A	
	HELMET	1.41 pt/a	A	
	RANCOR	10.5 fl oz/a	A	
	AMSOL	8.5 lb ai/100 gal	A	
	DESTINY HC	1 % v/v	A	
LSD P=.05				13.38
Standard Deviation				9.10
CV				9.57
Levene's F^				0.782
Levene's Prob(F)				0.609
Shapiro-Wilk^				0.9162*
P(Shapiro-Wilk)^				0.0164*
Skewness^				-0.8264
P(Skewness)^				0.066
Kurtosis^				2.87*
P(Kurtosis)^				0.0019*
Replicate F				4.331
Replicate Prob(F)				0.0159
Treatment F				1.360
Treatment Prob(F)				0.2730

Purdue University Weed Science

University Exposure of Helms new Reviton™ Herbicide for control of weeds in a Burndown management situation with various tank-mix partners.

Trial ID: 22S-MGS-SOY-12 Cooperator Trial ID:
 Protocol ID: 22S-MGS-SOY-12 Location: MEIGS Trial Year: 2022
 Project ID: 2022-H-US01 Project ID 2: Project ID 3:
 Study Director: Brent Mansfield Sponsor Contact: Brock Waggoner - Helm
 Investigator (Creator): Dr. Bill Johnson

Pest Type

W, Weed = Weed or volunteer crop

Pest Code

AMBTR, Ambrosia trifida, Giant ragweed = US

ERICA, Erigeron canadensis, mare's-tail = US

Part Rated

PLANT = plant

P = Pest is Part Rated

Rating Type

CONTRO = control / burndown or knockdown

Plant-Eval Interval

-6 DP-1 = 1 GLXMA May-24-2022

1 DP-1 = 1 GLXMA May-24-2022

8 DP-1 = 1 GLXMA May-24-2022

Trt No.	Treatment Type Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Appl Code	Rep 1	2	3	4	Notes
2	HERB REVITON ADJ DESTINY HC	2.83 92 %	LBA/GAL	SC L	2 fl oz/a 1 % v/v		A A	102	402	503	702	
3	HERB REVITON HERB ROUNDUP POWERMAX ADJ AMSOL ADJ DESTINY HC	2.83 4.5 3.4 92 %	LBA/GAL LBAE/GAL LBA/GAL	SC SL L	1 fl oz/a 22 fl oz/a 8.5 lb ai/100 gal 1 % v/v		A A A A	103	303	604	703	
4	HERB REVITON HERB LIBERTY ADJ AMSOL ADJ DESTINY HC	2.83 2.34 3.4 92 %	LBA/GAL LBA/GAL LBA/GAL	SC SL L	1 fl oz/a 32 fl oz/a 8.5 lb ai/100 gal 1 % v/v		A A A A	104	403	505	704	
5	HERB REVITON HERB ROUNDUP POWERMAX HERB RANCOR ADJ AMSOL ADJ DESTINY HC	2.83 4.5 4 3.4 92 %	LBA/GAL LBAE/GAL LBA/GAL	SC SL F L	1 fl oz/a 22 fl oz/a 1 pt/a 8.5 lb ai/100 gal 1 % v/v		A A A A A	105	301	504	801	
6	HERB REVITON HERB ARROW 2EC ADJ AMSOL ADJ DESTINY HC	2.83 2 3.4 92 %	LBA/GAL LBA/GAL LBA/GAL	SC EC L	1 fl oz/a 6 fl oz/a 8.5 lb ai/100 gal 1 % v/v		A A A A	201	305	602	705	
7	HERB REVITON HERB LO-VOL 4 2,4-D ESTER ADJ AMSOL ADJ DESTINY HC	2.83 3.8 3.4 92 %	LBA/GAL LBAE/GAL LBA/GAL	SC SL L	1 fl oz/a 1 pt/a 8.5 lb ai/100 gal 1 % v/v		A A A A	202	304	603	804	
8	HERB REVITON HERB ROUNDUP POWERMAX HERB LO-VOL 4 2,4-D ESTER ADJ AMSOL ADJ DESTINY HC	2.83 4.5 3.8 3.4 92 %	LBA/GAL LBAE/GAL LBAE/GAL LBA/GAL	SC SL SL L	1 fl oz/a 22 fl oz/a 1 pt/a 8.5 lb ai/100 gal 1 % v/v		A A A A A	203	302	502	701	
9	HERB REVITON HERB ROUNDUP POWERMAX HERB HELMET HERB RANCOR ADJ AMSOL ADJ DESTINY HC	2.83 4.5 7.8 4 3.4 92 %	LBA/GAL LBAE/GAL LBA/GAL LBA/GAL LBA/GAL	SC SL EC F L	1 fl oz/a 22 fl oz/a 1.41 pt/a 10.5 fl oz/a 8.5 lb ai/100 gal 1 % v/v		A A A A A A	204	404	501	803	
1	CHK NONTREATED							205	401	601	802	

Sort Order: Replicate 1