

Grass control with various tank-mix combinations in XtendFlex soybean - "Stewarded"

Trial ID: SOY07-20 Study Dir.: Sprague, Powell, Stiles
 Conducted: Campus, T-12 Investigator: Christy Sprague

Planting Date: May-23-2020 **Row Spacing:** 30 IN
Variety: AG22XF1 **No. of Reps:** 4
Population: 156000 seeds/A **% OM:** 3.3
Soil Type: CL clay loam **pH:** 6.4
Plot Size: 10 X 35 FT **Study Design:** Randomized Complete Block (RCB)

Tillage/Previous Crops: Fall chisel plow, fall soil finish; Spring soil finish (2X)

Fertilizer:

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1	ANGR	mainly foxtail species	Annual grass
2	CHEAL	common lambsquarters	Chenopodium album
3	AMAPO	Powell amaranth	Amaranthus powellii
4	AMBEL	common ragweed	Ambrosia artemisiifolia
5	SINAR	wild mustard	Sinapis arvensis
6	ABUTH	velvetleaf	Abutilon theophrasti
Crop	Code	Common Name	
1	GLXMA	Soybean	

Application Description

	A	B
Application Timing:	EPOS	LPOS
Date Treated:	Jun-15-2020	Jun-29-2020
Time Treated:	9:15 AM	3:55 PM
% Cloud Cover:	0	20
Air Temp., Unit:	57 F	88 F
% Relative Humidity:	61	42
Wind Speed/Unit/Dir:	5 mph E	5 mph SE
Soil Temp, Unit:	61 F	100 F
Leaf Moist/Dew Presence (Y/N):	5	5
Soil Moist:	5	5

Crop Stage at Each Application

	A	B
Crop 1 Name:	GLXMA	GLXMA
Height:	6 "	11 "
Stage:	V2	V4

Weed Stage at Each Application

	A	B
Weed 1 Name:	ANGR	ANGR
Height:	6 "	
Stage:	many	
Weed 2 Name:	CHEAL	CHEAL
Height:	1.5 "	
Stage:	4L	
Weed 3 Name:	AMAPO	AMAPO
Height:	1.5 "	
Stage:	4L	
Weed 4 Name:	AMBEL	AMBEL
Height:	2 "	
Stage:	4L	
Weed 5 Name:	SINAR	SINAR
Height:	8 "	
Stage:	flower	
Weed 6 Name:	ABUTH	ABUTH
Height:	4 "	
Stage:	3L	

Weed Density

	1	2	3	4	5	6
Date:	Jun-29-2020	Jun-29-2020	Jun-29-2020	Jun-29-2020	Jun-29-2020	Jun-29-2020
Weed Name:	ANGR	CHEAL	AMAPO	AMBEL	SINAR	ABUTH
Density:	30 FT2	1 FT2	2 FT2	2 FT2	1 FT2	1 FT2

Application Equipment

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Conducted: Campus, T-12

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Appl	Sprayer Type	Ground Speed	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width	Spray Volume	Carrier	Operation Pressure
A	CUB	3.8 mph	TTI	11003	23 "	20 "	100 "	19 GPA	WATER	27 psi
B	CUB	3.8 mph	AIXR	11003	32 "	20 "	100 "	19 GPA	WATER	30 psi

Comments: The common ragweed (AMBEL) population in this trial is resistant to the Group 2 (ALS-inhibiting) herbicides.

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 Sponsor Contact:

Pest Code	ANGR	CHEAL	AMAPO	AMBEL	SINAR
Crop Type, Code	C GLXMA				
Rating Date	Jun-29-2020	Jun-29-2020	Jun-29-2020	Jun-29-2020	Jun-29-2020
Rating Type	injury	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Timing	Appl Code						
1	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		3	87	100	95	100	100
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
2	Warrant	3	L	3 pt/a	EPOS	A		9	83	99	100	100	99
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
3	Volunteer	2	L	8 fl oz/a	EPOS	A		4	84	100	100	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
4	Volunteer	2	L	8 fl oz/a	EPOS	A		4	93	100	100	100	99
	Warrant	3	L	3 pt/a	EPOS	A							
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
5	Untreated							0	0	0	0	0	0
6	Warrant	3	L	3 pt/a	EPOS	A		15	88	100	100	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Destiny HC		L	0.5 % v/v	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
7	Volunteer	2	L	8 fl oz/a	EPOS	A		4	87	100	99	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Destiny HC		L	0.5 % v/v	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
8	Volunteer	2	L	8 fl oz/a	EPOS	A		9	92	99	100	100	100
	Warrant	3	L	3 pt/a	EPOS	A							
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Destiny HC		L	0.5 % v/v	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
9	Fusilade DX	2	L	6 fl oz/a	EPOS	A		3	88	100	100	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
10	Warrant	3	L	3 pt/a	EPOS	A		7	93	100	100	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
	AIXR Nozzles				LPOS	B							
	Liberty	2.34	L	32 fl oz/a	LPOS	B							
	Roundup PowerMax	4.5	SL	32 fl oz/a	LPOS	B							
	N-PAK AMS Liquid		L	2.5 % v/v	LPOS	B							
11	Warrant	3	L	3 pt/a	EPOS	A		7	87	100	100	99	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
	AIXR Nozzles				LPOS	B							
	Liberty	2.34	L	32 fl oz/a	LPOS	B							
	N-PAK AMS Liquid		L	2.5 % v/v	LPOS	B							

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 Project ID: Study Director: Sprague, Powell, Stiles
 Sponsor Contact:

Pest Code		ANGR	CHEAL	AMAPO	AMBEL	SINAR
Crop Type, Code	C GLXMA					
Rating Date	Jun-29-2020	Jun-29-2020	Jun-29-2020	Jun-29-2020	Jun-29-2020	Jun-29-2020
Rating Type	injury	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Timing	Appl Code						
12	Warrant	3	L	3	pt/a	EPOS	A	9	88	100	100	99	100
	XtendiMax	2.9	L	22	fl oz/a	EPOS	A						
	Roundup PowerMax	4.5	SL	32	fl oz/a	EPOS	A						
	Intact		L	0.5	% v/v	EPOS	A						
	AIXR Nozzles					LPOS	B						
	Roundup PowerMax	4.5	SL	32	fl oz/a	LPOS	B						
	N-PAK AMS Liquid		L	2.5	% v/v	LPOS	B						
13	Warrant	3	L	3	pt/a	EPOS	A	10	87	99	100	98	100
	XtendiMax	2.9	L	22	fl oz/a	EPOS	A						
	Roundup PowerMax	4.5	SL	32	fl oz/a	EPOS	A						
	Intact		L	0.5	% v/v	EPOS	A						
	AIXR Nozzles					LPOS	B						
	Volunteer	2	L	8	fl oz/a	LPOS	B						
	Roundup PowerMax	4.5	SL	32	fl oz/a	LPOS	B						
	Destiny HC		L	0.5	% v/v	LPOS	B						
	N-PAK AMS Liquid		L	2.5	% v/v	LPOS	B						
	LSD P=.05							4.6	6.2	1.7	2.9	1.9	1.2
	Standard Deviation							3.2	4.3	1.2	2.0	1.3	0.8
	CV							50.37	5.38	1.28	2.21	1.43	0.89

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 Sponsor Contact:

Pest Code	ANGR	CHEAL	AMAPO	AMBEL	SINAR
Crop Type, Code	C GLXMA				
Rating Date	Jul-13-2020	Jul-13-2020	Jul-13-2020	Jul-13-2020	Jul-13-2020
Rating Type	injury	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-B	14 DA-B	14 DA-B	14 DA-B	14 DA-B
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Timing	Appl Code						
1	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		0	77	98	81	97	100
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
2	Warrant	3	L	3 pt/a	EPOS	A		0	78	96	96	99	99
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
3	Volunteer	2	L	8 fl oz/a	EPOS	A		0	72	98	82	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
4	Volunteer	2	L	8 fl oz/a	EPOS	A		0	86	95	95	98	100
	Warrant	3	L	3 pt/a	EPOS	A							
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
5	Untreated							0	0	0	0	0	0
6	Warrant	3	L	3 pt/a	EPOS	A		0	82	97	98	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Destiny HC		L	0.5 % v/v	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
7	Volunteer	2	L	8 fl oz/a	EPOS	A		0	73	97	81	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Destiny HC		L	0.5 % v/v	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
8	Volunteer	2	L	8 fl oz/a	EPOS	A		0	87	96	100	100	100
	Warrant	3	L	3 pt/a	EPOS	A							
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Destiny HC		L	0.5 % v/v	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
9	Fusilade DX	2	L	6 fl oz/a	EPOS	A		0	79	100	91	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
10	Warrant	3	L	3 pt/a	EPOS	A		0	100	100	100	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
	AIXR Nozzles				LPOS	B							
	Liberty	2.34	L	32 fl oz/a	LPOS	B							
	Roundup PowerMax	4.5	SL	32 fl oz/a	LPOS	B							
	N-PAK AMS Liquid		L	2.5 % v/v	LPOS	B							
11	Warrant	3	L	3 pt/a	EPOS	A		1	100	100	100	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
	AIXR Nozzles				LPOS	B							
	Liberty	2.34	L	32 fl oz/a	LPOS	B							
	N-PAK AMS Liquid		L	2.5 % v/v	LPOS	B							

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Pest Code	ABUTH	ANGR	CHEAL	AMAPO	AMBEL
Crop Type, Code	C GLXMA				
Rating Date	Jul-13-2020	Jul-20-2020	Jul-20-2020	Jul-20-2020	Jul-20-2020
Rating Type	control	injury	control	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-B	21 DA-B	21 DA-B	21 DA-B	21 DA-B
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Timing	Appl Code	ABUTH	ANGR	CHEAL	AMAPO	AMBEL	
1	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		96	0	50	99	79	99
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
2	Warrant	3	L	3 pt/a	EPOS	A		100	0	53	98	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
3	Volunteer	2	L	8 fl oz/a	EPOS	A		93	0	43	100	88	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
4	Volunteer	2	L	8 fl oz/a	EPOS	A		93	0	63	98	97	98
	Warrant	3	L	3 pt/a	EPOS	A							
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
5	Untreated							0	0	0	0	0	0
6	Warrant	3	L	3 pt/a	EPOS	A		98	0	54	98	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Destiny HC		L	0.5 % v/v	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
7	Volunteer	2	L	8 fl oz/a	EPOS	A		100	0	40	100	77	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Destiny HC		L	0.5 % v/v	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
8	Volunteer	2	L	8 fl oz/a	EPOS	A		100	0	58	98	100	100
	Warrant	3	L	3 pt/a	EPOS	A							
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Destiny HC		L	0.5 % v/v	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
9	Fusilade DX	2	L	6 fl oz/a	EPOS	A		98	0	50	100	90	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
10	Warrant	3	L	3 pt/a	EPOS	A		100	0	100	100	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
	AIXR Nozzles												
	Liberty	2.34	L	32 fl oz/a	LPOS	B							
	Roundup PowerMax	4.5	SL	32 fl oz/a	LPOS	B							
	N-PAK AMS Liquid		L	2.5 % v/v	LPOS	B							
11	Warrant	3	L	3 pt/a	EPOS	A		100	1	100	100	100	100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A							
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A							
	Intact		L	0.5 % v/v	EPOS	A							
	AIXR Nozzles												
	Liberty	2.34	L	32 fl oz/a	LPOS	B							
	N-PAK AMS Liquid		L	2.5 % v/v	LPOS	B							

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Pest Code	ABUTH	ANGR	CHEAL	AMAPO	AMBEL
Crop Type, Code	C GLXMA				
Rating Date	Jul-13-2020	Jul-20-2020	Jul-20-2020	Jul-20-2020	Jul-20-2020
Rating Type	control	injury	control	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-B	21 DA-B	21 DA-B	21 DA-B	21 DA-B
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Timing	Appl Code	ABUTH	ANGR	CHEAL	AMAPO	AMBEL
12	Warrant	3 L		3 pt/a		EPOS A		100	0	100	100	100
	XtendiMax	2.9 L		22 fl oz/a		EPOS A						
	Roundup PowerMax Intact	4.5 SL		32 fl oz/a		EPOS A						
		L		0.5 % v/v		EPOS A						
	AIXR Nozzles					LPOS B						
	Roundup PowerMax	4.5 SL		32 fl oz/a		LPOS B						
	N-PAK AMS Liquid	L		2.5 % v/v		LPOS B						
13	Warrant	3 L		3 pt/a		EPOS A		100	0	100	100	100
	XtendiMax	2.9 L		22 fl oz/a		EPOS A						
	Roundup PowerMax Intact	4.5 SL		32 fl oz/a		EPOS A						
		L		0.5 % v/v		EPOS A						
	AIXR Nozzles					LPOS B						
	Volunteer	2 L		8 fl oz/a		LPOS B						
	Roundup PowerMax	4.5 SL		32 fl oz/a		LPOS B						
	Destiny HC	L		0.5 % v/v		LPOS B						
	N-PAK AMS Liquid	L		2.5 % v/v		LPOS B						
	LSD P=.05							6.6	1.0	9.8	3.8	10.7
	Standard Deviation							4.6	0.7	6.8	2.7	7.5
	CV							5.06	710.67	10.87	2.94	8.58

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 Sponsor Contact:

Pest Code ABUTH
 Crop Type, Code
 Rating Date Jul-20-2020
 Rating Type control
 Rating Unit percent
 Trt-Eval Interval 21 DA-B
 Number of Decimals 0

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Appl Timing	Appl Code	
1	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		98
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A		
	Intact		L	0.5 % v/v	EPOS	A		
2	Warrant	3	L	3 pt/a	EPOS	A		100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A		
	Intact		L	0.5 % v/v	EPOS	A		
3	Volunteer	2	L	8 fl oz/a	EPOS	A		96
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A		
	Intact		L	0.5 % v/v	EPOS	A		
4	Volunteer	2	L	8 fl oz/a	EPOS	A		98
	Warrant	3	L	3 pt/a	EPOS	A		
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A		
	Intact		L	0.5 % v/v	EPOS	A		
5	Untreated							0
6	Warrant	3	L	3 pt/a	EPOS	A		98
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A		
	Destiny HC		L	0.5 % v/v	EPOS	A		
	Intact		L	0.5 % v/v	EPOS	A		
7	Volunteer	2	L	8 fl oz/a	EPOS	A		100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A		
	Destiny HC		L	0.5 % v/v	EPOS	A		
	Intact		L	0.5 % v/v	EPOS	A		
8	Volunteer	2	L	8 fl oz/a	EPOS	A		100
	Warrant	3	L	3 pt/a	EPOS	A		
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A		
	Destiny HC		L	0.5 % v/v	EPOS	A		
	Intact		L	0.5 % v/v	EPOS	A		
9	Fusilade DX	2	L	6 fl oz/a	EPOS	A		100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A		
	Intact		L	0.5 % v/v	EPOS	A		
10	Warrant	3	L	3 pt/a	EPOS	A		100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A		
	Intact		L	0.5 % v/v	EPOS	A		
	AIXR Nozzles				LPOS	B		
	Liberty	2.34	L	32 fl oz/a	LPOS	B		
	Roundup PowerMax	4.5	SL	32 fl oz/a	LPOS	B		
	N-PAK AMS Liquid		L	2.5 % v/v	LPOS	B		
11	Warrant	3	L	3 pt/a	EPOS	A		100
	XtendiMax	2.9	L	22 fl oz/a	EPOS	A		
	Roundup PowerMax	4.5	SL	32 fl oz/a	EPOS	A		
	Intact		L	0.5 % v/v	EPOS	A		
	AIXR Nozzles				LPOS	B		
	Liberty	2.34	L	32 fl oz/a	LPOS	B		
	N-PAK AMS Liquid		L	2.5 % v/v	LPOS	B		

