

A BP 3.5 FF 8003 22" 20" 100" 20 H20 30

MSU Weed Science Research Program

A0107 TANK MIXTURES FOR ESTABLISHED GLYPHOSATE-RESISTANT ALFALFA

Trial ID: A0107
 Conducted: CAMPUS-C-25

Study Dir.:
 Investigator: Christy Sprague

Weed Code							ANGR	CHEAL	AMBEL			TOTAL	MEDSA
Crop Code							MEDSA	MEDSA			yield	MEDSA	
Rating Data Type							injury	injury			tons/A	yield	
Rating Unit							percent	percent			tons/A	tons/A	
Rating Date							6/21/07	6/21/07			6/29/07	6/29/07	
Trt-Eval Interval							7 DAT	15 DAT			HARVEST	HARVEST	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5	6	7
1	Roundup WeatherMax	4.5	L	1.5	lb ae/a	7-10 DAH	0	0	100	100	100	1.103520	1.103465
1	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
2	Roundup OriginalMax	4.5	L	1.5	lb ae/a	7-10 DAH	0	0	99	100	100	1.179750	1.179750
2	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
3	Roundup WeatherMax	4.5	L	1.5	lb ae/a	7-10 DAH	0	0	100	100	100	1.303170	1.303170
3	Raptor	1	L	0.047	lb ai/a	7-10 DAH							
3	Activator 90		L	0.25	% v/v	7-10 DAH							
3	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
4	Roundup OriginalMax	4.5	L	1.5	lb ae/a	7-10 DAH	0	0	99	100	100	1.185195	1.185195
4	Raptor	1	L	0.047	lb ai/a	7-10 DAH							
4	Activator 90		L	0.25	% v/v	7-10 DAH							
4	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
5	Roundup WeatherMax	4.5	L	1.5	lb ae/a	7-10 DAH	0	0	100	100	100	1.212420	1.212420
5	Pursuit	2	L	0.094	lb ai/a	7-10 DAH							
5	Activator 90		L	0.25	% v/v	7-10 DAH							
5	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
6	Roundup OriginalMax	4.5	L	1.5	lb ae/a	7-10 DAH	0	0	99	100	100	1.212420	1.212420
6	Pursuit	2	L	0.094	lb ai/a	7-10 DAH							
6	Activator 90		L	0.25	% v/v	7-10 DAH							
6	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
7	Roundup WeatherMax	4.5	L	1.5	lb ae/a	7-10 DAH	0	0	100	100	100	1.310430	1.310430
7	Poast Plus	1	SC	0.3125	lb ai/a	7-10 DAH							
7	Herbimax		L	1	qt/a	7-10 DAH							
7	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
8	Roundup OriginalMax	4.5	L	1.5	lb ae/a	7-10 DAH	0	0	99	100	100	1.314060	1.314060
8	Poast Plus	1	SC	0.3125	lb ai/a	7-10 DAH							
8	Herbimax		L	1	qt/a	7-10 DAH							
8	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
9	Roundup WeatherMax	4.5	L	1.5	lb ae/a	7-10 DAH	0	0	100	100	100	1.150710	1.150710
9	Select Max	0.97	L	0.25	lb ai/a	7-10 DAH							
9	Activator 90		L	0.25	% v/v	7-10 DAH							
9	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
10	Roundup OriginalMax	4.5	L	1.5	lb ae/a	7-10 DAH	0	0	100	100	100	1.154340	1.154340
10	Select Max	0.97	L	0.25	lb ai/a	7-10 DAH							
10	Activator 90		L	0.25	% v/v	7-10 DAH							
10	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
11	Raptor	1	L	0.047	lb ai/a	7-10 DAH	0	0	100	100	89	1.348545	1.345999
11	Activator 90		L	0.25	% v/v	7-10 DAH							
11	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
12	Pursuit	2	L	0.094	lb ai/a	7-10 DAH	0	0	99	100	94	1.245090	1.245038
12	Activator 90		L	0.25	% v/v	7-10 DAH							
12	Ammonium Sulfate		DF	2	% w/w	7-10 DAH							
13	Poast Plus	1	SC	0.3125	lb ai/a	7-10 DAH	0	0	99	50	23	1.234200	1.230676
13	Herbimax		L	1	qt/a	7-10 DAH							
14	Select Max	0.97	L	0.25	lb ai/a	7-10 DAH	0	0	100	25	21	1.312245	1.306876
14	Activator 90		L	0.25	% v/v	7-10 DAH							
15	Untreated						0	0	0	0	0	1.157970	1.149912

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Study Dir.:

Conducted: CAMPUS-C-25

Investigator: Christy Sprague

Weed Code						ANGR	CHEAL	AMBEL					
Crop Code						MEDSA	MEDSA		TOTAL	MEDSA			
Rating Data Type						injury	injury	control	yield	yield			
Rating Unit						percent	percent	percent	tons/A	tons/A			
Rating Date						6/21/07	6/21/07	6/21/07	6/29/07	6/29/07			
Trt-Eval Interval						7 DAT	15 DAT	15 DAT	HARVEST	HARVEST			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5	6	7
LSD (P=.05)							0.0	0.0	1.4	27.6	24.1	0.1749635	0.1743682
Standard Deviation							0.0	0.0	1.0	19.3	16.8	0.1224324	0.1220158
CV							0.0	0.0	1.03	22.72	20.59	9.97	9.94

MSU Weed Science Research Program

A0107 TANK MIXTURES FOR ESTABLISHED GLYPHOSATE-RESISTANT ALFALFA

Trial ID: A0107
 Conducted: CAMPUS-C-25

Study Dir.:
 Investigator: Christy Sprague

Weed Code
 Crop Code WEEDS
 Rating Data Type yield
 Rating Unit tons/A
 Rating Date 6/29/07
 Trt-Eval Interval HARVEST

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	8
1	Roundup WeatherMax	4.5	L	1.5	lb ae/a	7-10 DAH	0.000055
1	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
2	Roundup OriginalMax	4.5	L	1.5	lb ae/a	7-10 DAH	0.000000
2	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
3	Roundup WeatherMax	4.5	L	1.5	lb ae/a	7-10 DAH	0.000000
3	Raptor	1	L	0.047	lb ai/a	7-10 DAH	
3	Activator 90		L	0.25	% v/v	7-10 DAH	
3	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
4	Roundup OriginalMax	4.5	L	1.5	lb ae/a	7-10 DAH	0.000000
4	Raptor	1	L	0.047	lb ai/a	7-10 DAH	
4	Activator 90		L	0.25	% v/v	7-10 DAH	
4	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
5	Roundup WeatherMax	4.5	L	1.5	lb ae/a	7-10 DAH	0.000000
5	Pursuit	2	L	0.094	lb ai/a	7-10 DAH	
5	Activator 90		L	0.25	% v/v	7-10 DAH	
5	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
6	Roundup OriginalMax	4.5	L	1.5	lb ae/a	7-10 DAH	0.000000
6	Pursuit	2	L	0.094	lb ai/a	7-10 DAH	
6	Activator 90		L	0.25	% v/v	7-10 DAH	
6	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
7	Roundup WeatherMax	4.5	L	1.5	lb ae/a	7-10 DAH	0.000000
7	Poast Plus	1	SC	0.3125	lb ai/a	7-10 DAH	
7	Herbimax		L	1	qt/a	7-10 DAH	
7	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
8	Roundup OriginalMax	4.5	L	1.5	lb ae/a	7-10 DAH	0.000000
8	Poast Plus	1	SC	0.3125	lb ai/a	7-10 DAH	
8	Herbimax		L	1	qt/a	7-10 DAH	
8	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
9	Roundup WeatherMax	4.5	L	1.5	lb ae/a	7-10 DAH	0.000000
9	Select Max	0.97	L	0.25	lb ai/a	7-10 DAH	
9	Activator 90		L	0.25	% v/v	7-10 DAH	
9	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
10	Roundup OriginalMax	4.5	L	1.5	lb ae/a	7-10 DAH	0.000000
10	Select Max	0.97	L	0.25	lb ai/a	7-10 DAH	
10	Activator 90		L	0.25	% v/v	7-10 DAH	
10	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
11	Raptor	1	L	0.047	lb ai/a	7-10 DAH	0.002546
11	Activator 90		L	0.25	% v/v	7-10 DAH	
11	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
12	Pursuit	2	L	0.094	lb ai/a	7-10 DAH	0.000052
12	Activator 90		L	0.25	% v/v	7-10 DAH	
12	Ammonium Sulfate		DF	2	% w/w	7-10 DAH	
13	Poast Plus	1	SC	0.3125	lb ai/a	7-10 DAH	0.003524
13	Herbimax		L	1	qt/a	7-10 DAH	
14	Select Max	0.97	L	0.25	lb ai/a	7-10 DAH	0.005369
14	Activator 90		L	0.25	% v/v	7-10 DAH	
15	Untreated						0.008058

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Weed Code	
Crop Code	WEEDS
Rating Data Type	yield
Rating Unit	tons/A
Rating Date	6/29/07
Trt-Eval Interval	HARVEST

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	
							8

LSD (P=.05)	0.0057877
Standard Deviation	0.0040500
CV	309.88