

Control of Roughstalk Bluegrass in Alfalfa with Various Herbicides, 2009

Trial ID: RSBG
Conducted: lapeer county

Study Dir. :
Investigator: Wesley Everman

Date Planted:

Variety:

Population:

Soil Type:

Plot Size: 10 X 20 FT

Row Spacing: IN

No. of Reps: 3

% OM

pH:

Design: RANDOMIZED COMPLETE BLOCK

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Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	POATR			POATR			POATR				
						MEDSA injury percent 7/7/09	PHLPR injury percent 7/7/09	control percent 7/7/09	MEDSA stand percent 7/31/09	PHLPR stand percent 7/31/09	control percent 7/31/09	MEDSA yield tons/A 7/31/09	MEDSA yield g/.25m ² 7/31/09	PHLPR yield g/.25m ² 7/31/09	yield g/.25m ² 7/31/09	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5	6	7	8	9	10
1	Non-Treated						0	0	0	100	100	0	1.082	45.87	10.15	2.86
2	Roundup PowerMAX	4.5	L	0.75	lb ae/a	POST	90	100	99	0	22	67	1.553	8.31	0.03	0.13
2	Ammonium Sulfate	100	DF	17	lb/100 gal	POST										
3	Gramoxone Inteon	2	L	1	pt/a	POST	32	70	91	30	83	62	1.134	28.46	0.62	0.01
3	Herbimax		L	1	% v/v	POST										
4	Poast Plus	1	L	1.5	pt/a	POST	0	100	78	7	100	63	1.094	39.56	0.04	0.21
4	Herbimax		L	1	qt/a	POST										
5	Select	2	L	6	fl oz/a	POST	0	98	88	0	100	62	1.219	41.25	0.03	0.33
5	Herbimax		L	1	% v/v	POST										
6	Pursuit	2	L	4	fl oz/a	POST	0	92	85	80	100	83	1.298	41.51	0.62	0.15
6	Ammonium Sulfate	100	DF	2.5	lb/a	POST										
6	Activator 90		L	0.25	% v/v	POST										
7	Raptor	1	L	4	fl oz/a	POST	0	88	96	57	100	77	0.910	46.59	0.08	0.10
7	28% Nitrogen		L	2.5	% v/v	POST										
7	Herbimax		L	1	% v/v	POST										
LSD (P=.05)							11.9	39.4	10.6	39.3	19.3	23.2	1.2434	20.641	4.556	1.255
Standard Deviation							6.7	22.2	6.0	22.1	10.9	13.1	0.6989	11.602	2.561	0.706
CV							38.55	28.34	7.78	56.63	12.58	22.12	59.01	32.28	154.9	130.21

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Weed Code OTHER
 Crop Code
 Rating Data Type yield
 Rating Unit g/.25m²
 Rating Date 7/31/09
 Trt-Eval Interval

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	11
1	Non-Treated						0.27
2	Roundup PowerMAX	4.5	L	0.75	lb ae/a	POST	4.51
2	Ammonium Sulfate	100	DF	17	lb/100 gal	POST	
3	Gramoxone Inteon	2	L	1	pt/a	POST	1.36
3	Herbimax		L	1	% v/v	POST	
4	Poast Plus	1	L	1.5	pt/a	POST	1.71
4	Herbimax		L	1	qt/a	POST	
5	Select	2	L	6	fl oz/a	POST	0.80
5	Herbimax		L	1	% v/v	POST	
6	Pursuit	2	L	4	fl oz/a	POST	1.03
6	Ammonium Sulfate	100	DF	2.5	lb/a	POST	
6	Activator 90		L	0.25	% v/v	POST	
7	Raptor	1	L	4	fl oz/a	POST	0.07
7	28% Nitrogen		L	2.5	% v/v	POST	
7	Herbimax		L	1	% v/v	POST	

LSD (P=.05) 2.139
 Standard Deviation 1.202
 CV 86.34