

CONTROL OF ROUGHSTALK BLUEGRASS IN ALFALFA II, 2010

Trial ID: A0410 Protocol ID: A0410
Location: Lapeer Co. Study Director: Andy Chomas
Project ID: Investigator: Wesley Everman

General Trial Information

Study Director: Andy Chomas
Investigator: Wesley Everman

Personnel

Study Director: Andy Chomas
Investigator: Wesley Everman

Crop Description

Crop 1: PHLPR Phleum pratense Herdsgrass
BBCH Scale: BGRM

Pest Description

Pest 1 Type: W **Code:** POATR Poa trivialis L.

Site and Design

Plot Width, Unit: 10 FT
Plot Length, Unit: 25 FT
Plot Area, Unit: 250 FT²
Replications: 3 **Study Design:** RACOB L Randomized Complete Block (RCB)

Application Description

A

Application Date: May-28-10
Time of Day: 8:00PM
Application Method: SPRAY
Application Timing: POST
Application Placement: BROADC
Air Temperature, Unit: 77 F
% Relative Humidity: 60
Wind Velocity, Unit: 0 MPH
Dew Presence (Y/N): N no

Crop Stage At Each Application

A

Crop 1 Code, BBCH Scale: PHLPR BGRM
Stage Scale Used: BBCH
Stage Majority, Percent: 1
Height, Unit: 2 in

Pest Stage At Each Application

A

Pest 1 Code, Type, Scale: POATR W
Stage Majority, Percent: 3
Height, Unit: 2 in
Density, Unit: 51 sq2

Application Equipment

Equipment Type: BKPK
Operating Pressure, Unit: 30 psi
Nozzle Type: flat fan
Nozzle Size: 8003
Nozzle Spacing, Unit: 20 in
Boom Length, Unit: 100 in
Boom Height, Unit: 22 in
Ground Speed, Unit: 3.5 mph
Spray Volume, Unit: 20 gal/ac
Mix Size, Unit: 2 liters

MSU Weed Science Research Program

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Pest Code											
Crop Code											
Rating Date											
Rating Type											
Rating Unit											
Trt-Eval Interval											

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Growth Stage	MEDSA		PHLPR		POATR	
						14 DAPO	14 DAPO	14 DAPO	14 DAPO	28 DAPO	28 DAPO
1	Gramoxone Inteon	2 L		1 pt/a	POST	2	78	90	0	38	83
1	Herbimax	100 L		1 % v/v	POST						
2	Select	2 L		6 fl oz/a	POST	0	95	97	0	90	93
2	Herbimax	100 L		1 % v/v	POST						
3	Pursuit	2 L		4 fl oz/a	POST	0	10	82	0	10	50
3	Ammonium Sulfate	100 DF		2.5 lb/a	POST						
3	Activator 90	100 L		0.25 % v/v	POST						
4	Pursuit	2 L		6 fl oz/a	POST	3	22	93	0	40	58
4	Ammonium Sulfate	100 DF		2.5 lb/a	POST						
4	Activator 90	100 L		0.25 % v/v	POST						
5	Raptor	1 L		4 fl oz/a	POST	0	28	98	5	72	95
5	28% UAN	100 L		2.5 % v/v	POST						
5	Herbimax	100 L		1 % v/v	POST						
6	Raptor	1 L		6 fl oz/a	POST	7	40	100	3	92	100
6	28% UAN	100 L		2.5 % v/v	POST						
6	Herbimax	100 L		1 % v/v	POST						
7	Non-Treated					0	0	0	0	3	28
LSD (P=.05)						5.3	12.4	10.7	6.4	28.0	35.8
Standard Deviation						3.0	7.0	6.0	3.6	15.7	20.1
CV						177.28	17.86	7.55	303.97	31.94	27.68