

CONTROL OF ROUGHSTALK BLUEGRASS IN ALFALFA I, 2010

Trial ID: A0310      Protocol ID: A0310  
Location:            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:** MEDSA Medicago sativa Alfalfa  
**BBCH Scale:** BDIC

**Pest Description**

**Pest 1 Type:** W    **Code:** POATR Poa trivialis L.  
**Common Name:** Roughstalk Bluegrass

**Site and Design**

**Plot Width, Unit:** 10 FT  
**Plot Length, Unit:** 35 FT  
**Plot Area, Unit:** 350 FT<sup>2</sup>  
**Replications:** 4            **Study Design:** RACOB L Randomized Complete Block (RCB)

**Application Description**

**A**  
**Application Date:** Apr-5-10  
**Time of Day:** 10:15 am  
**Application Method:** spray  
**Application Timing:** EPP  
**Application Placement:** BROADC  
**Air Temperature, Unit:** 63 F  
**% Relative Humidity:** 62  
**Wind Velocity, Unit:** 4 MPH  
**Wind Direction:** W  
**Dew Presence (Y/N):** N no

**Crop Stage At Each Application**

**A**  
**Crop 1 Code, BBCH Scale:** MEDSA BDIC  
**Stage Scale Used:** DESC  
**Stage Majority, Percent:** 1  
**Height, Unit:** 2 IN

**Pest Stage At Each Application**

**A**  
**Pest 1 Code, Type, Scale:** POATR W

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	POATR					
						MEDSA Apr-20-10 injury percent 15 DA-A	POATR Apr-20-10 injury percent 15 DA-A	PHLPR Apr-20-10 injury percent 15 DA-A	MEDSA May-6-10 injury percent 31 DA-A	POATR May-6-10 injury percent 31 DA-A	PHLPR May-6-10 injury percent 31 DA-A
1	Select Max	0.97 L		0.045 lb ai/a	EPP	6	51	71	0	35	99
1	Herbimax	100 L		1 % v/v	EPP						
1	Ammonium Sulfate	100 DF		2.5 lb/a	EPP						
2	Raptor	1 L		0.031 lb ai/a	EPP	3	49	30	0	61	63
2	28% UAN	100 L		2.5 % v/v	EPP						
2	Herbimax	100 L		1 % v/v	EPP						
3	Pursuit	2 L		0.063 lb ai/a	EPP	1	28	31	0	35	16
3	Ammonium Sulfate	100 DF		2.5 lb/a	EPP						
3	Activator 90	100 L		0.25 % v/v	EPP						
4	Prowl H2O	3.8 L		2 lb ai/a	EPP	0	0	0	0	0	0
5	Velpar	2 L		0.5 lb ai/a	EPP	18	63	10	0	89	0
6	Gramoxone Inteon	2 L		0.125 lb ai/a	EPP	19	68	55	0	44	3
7	NON TREATED					0	0	0	0	0	0
LSD (P=.05)						5.8	18.5	18.2	0.0	26.1	24.6
Standard Deviation						3.9	12.4	12.3	0.0	17.6	16.6
CV						59.16	33.83	43.51	0.0	46.71	64.5