2015 Alfalfa Weevil Insecticide Efficacy Trial – Dickinson Co., KS.

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Pest:	Alfalfa weevil, *Hypera postica*
Crop:	Alfalfa; Established stand – 4 years
Location:	Dickinson Co., KS
Planting Date:	N/A
Plot Size:	10 ft. x 50 ft.
Experimental Design:	Randomized Complete Block; 4 Replications
Information:	Sprayed with hand sprayer delivering 10 gal/acre at ca.30 psi on 7 April, 2015. Treatments 11 and 13 sprayed again on 22 April, 2015.
Phytotoxicity:	None noted
Evaluation:	Pre-treatment counts conducted on 2 April, 2015. Average of 1.3 larvae/ stem. 10 stems/treatment / replication randomly selected, shaken into 1 gal. white container and counted 3 DAT, 8 DAT, 15 DAT, 23 DAT, and 30 DAT. DAT = Days After Treatment
Weather at Time of Treatment:	7 April - 73^{o}F, wind NW 5-15mph; 22 April - 72^{o}F, wind S 3-7 mph

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Treatment Date: 7 April, 2015

Treatment/Product Name	Alfalfa weevil larvae / 10 stems (Mean ± SE)				
	3 DAT	**8 DAT**	**15 DAT**	**23 DAT**	**30 DAT**
Untreated	8.3a	17.3a	5.8b	14.5a	5.8a
Imidan @ 16 oz./a + NIS	0.3b	3.5bcd	0.3e	1.5c	1.8cd
Imidan @ 30.4 oz./a + NIS	0.0b	2.5bcde	0.8de	2.0c	1.8cd
Justice @ 4oz./a	0.8b	1.0cde	0.0e	0.3c	0.0d
Justice @ 5oz./a	0.0b	0.5de	1.0cde	0.8c	0.3d
Steward EC @ 11.3oz./a	0.3b	0.0e	1.3cde	2.5c	3.0bc
Stallion @ 11.75 oz./a followed by (15 DAT) Mustang Maxx @ 4 oz./a	1.8b	2.0bcde	4.0bc	1.8c	1.0cd
Stallion @ 11.75 oz./a	1.5b	1.5bcde	3.8bcd	3.0c	1.8cd
Mustang Maxx @ 4 oz./a	1.5b	4.5b	11.3a	8.5b	4.3ab
Mustang Maxx @ 4 oz./a followed by (15 DAT) Stallion @ 11.75 oz./a	0.5b	4.0bc	9.3a	0.8c	0.8cd
Hero @ 10.3oz.	0.3b	0.0e	0.0e	0.0c	0.0d

Means within a column followed by the same letter are not significantly different (*P*>0.05; PROC ANOVA; Mean comparison by LSD [SAS Institute 2003]).