



Sunflower Head Moth Control on Sunflower. Manhattan, KS 2005

Gerald Wilde, Department of Entomology, Kansas State University

Pest: Sunflower head moth, *Homoeosoma ellectellum*

Crop: Sunflower, Triumoh 650CL, 14 treatments

Location: Manhattan, Kansas

Planting Date: April 29, 2005

Plot Size: 2 row, 20 ft

Experimental Design: Randomized Complete Block; 4 Replications

Information: Insecticides applied with hand sprayer delivering 13 gal/acre at 30 psi on 07/2/05 and 07/08/05, 3% bloom on 07/02/05, 100% bloom on 07/08/05

Phytotoxicity: none noted

Field History: Corn 2004

Evaluation: Counted number of larvae/head on 2 heads/replicate on 08/01/05. Population pressure was extremely light.

Evaluation: No yield data taken because of bird damage.

Insecticide Evaluation – Sunflower head moth control on Sunflower
Manhattan, Kansas - 2005

Treatment dates:

1st : July 02, 2005

2nd : July 08, 2005

Evaluation date: August 01, 2005

Gerald E. Wilde

No.	Treatment	Lbs. /acre	Trt. Date	Sunflower headmoth/head
1	Mustang 0.8	0.018	July 02	0.3 ± 0.2b
2	Mustang 0.8	0.025	July 02	0.1 ± 0.1b
3	Mustang 0.8	0.014	July 02/July 08	0.4 ± 0.4ab
4	Mustang 0.8	0.02	July 02/July 08	0.1 ± 0.1b
5	Furadan 4F	0.5	July 02	0.3 ± 0.2b
6	Untreated	-----	-----	1.1 ± 0.7a
7	Baythroid 2E	0.03	July 02/July 08	0.1 ± 0.1b
8	Baythroid 2E	0.03	July 02	0.1 ± 0.1b
9	Baythroid 2E	0.04	July 02	0.0 ± 0.0b
10	Warrior 1.0	0.03	July 02	0.5 ± 0.4ab
11	Warrior 1.0	0.03	July 08	0.0 ± 0.0b
12	Warrior 1.0	0.02	July 02/July 08	0.3 ± 0.3b
13	Lorsban 4E	0.75	July 02	0.0 ± 0.0b
14	Asana 0.66	0.03	July 02	0.1 ± 0.1b

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

Reference to specific products is provided solely for informational purposes. Experiments with pesticides on non-labeled crops or pests is part of the insecticide registration process, it does not imply endorsement or recommendation of non-labeled uses of pesticides by Kansas State University. All pesticide use must be consistent with current labels.

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