



**2006 Sunflower Head Moth Control on Sunflower. Manhattan, KS.
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Evaluation date: July 27, 2006**

Pest: Sunflower head moth, *Homoeosoma ellectellum*
 Crop: Sunflower, 11 treatments
 Location: Manhattan, Kansas
 Planting Date: April 22, 2006
 Plot Size: 2 row, 40 ft
 Experimental Design: Randomized Complete Block; 4 Replications
 Information: Insecticides applied with hand sprayer delivering 15 gal/acre at 30 psi on 07/06/06 and 07/12/06, 80% bloom on 07/06/06, 100% bloom on 07/12/06
 Phytotoxicity: none noted
 Evaluation: Counted number of larvae/head on 2 heads/replicate on 07/27/06.

No.	Treatment	dose /acre	Trt. Date	Sunflower headmoth/head
1	Baythroid XL	2.0 oz.	July 06	5.8 ± 1.5b
2	Baythroid XL	2.8 oz.	July 06	2.4 ± 0.7cde
3	Proaxix	2.56 oz.	July 06	5.1 ± 1.6bc
4	Warrior 1E	2.56 oz.	July 06	4.3 ± 0.7bcd
5	Furadan 4F	1 pt.	July 06	3.5 ± 1.2bcd
6	Lorsban 4E	1 pt.	July 06	5.0 ± 0.9bc
7	Asana 0.6	5.8 oz.	July 06	4.1 ± 1.3bcd
8	Mustang 1E	2.56 oz.	July 06	1.0 ± 0.3de
9	Baythroid XL	2.0 oz.	July 06/July 12	0.0 ± 0.0e
10	Untreated	-----	-----	13.1 ± 2.2a
11	Dow GF1846	19 oz.	July 06	5.1 ± 0.9bc

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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