

Sunflower Head Moth Control on Sunflower with Foliar Insecticides -- 1998

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Research on Sunflower Head Moth Control with Foliar Insecticides 1998.

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Pest: Sunflower Moth, *Homeosoma ellectellum*

Crop: Sunflower, DK 3881

Planting Date: May 4

Location: Manhattan, KS

Applications: July 11, 1998

Treatment: Applied with hand one nozzle sprayer at 20 gal/acre at 30 psi. 100% bloom on July 11

Evaluated: July 31, 1997 by examining 2 head/rep and counting worms/head.

Experimental Design - Randomized Complete Block: 1 row 30 ft in length, 4 replications.

Trt	Form	Lb AI/Acre	Worms/Head
1. Untreated	----	----	44.4 a
2. TD2344-03*	.83EC	0.04	12.7 bc
3. TD2344-03*	.83EC	0.025	7.1 cd
4. Baythroid	2E	0.031	2.7 d
5. Baythroid	2E	0.038	16.7 b
6. Baythroid	2E	0.044	3.3 d
7. Warrior	1CS	0.015	4.9 cd
8. Warrior	1CS	0.02	7.5 cd
9. Warrior	1CS	0.025	4.5 cd
10. Warrior	1CS	0.03	9.4 bcd
11. Furadan*	4E	0.5	6.3 cd
12. Parathion	8E	0.75	12.4 bc

* Compound not currently labeled on Sunflowers for head moth control.

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