

**2006 Corn earworm Insecticide Efficacy Trial
Dickinson Co., KS.**

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Evaluation date: July 31, August 09**

Pest: Corn earworm,
 Crop: Soybean, 13 treatments
 Location: Dickinson Co., Kansas
 Planting Date:
 Plot Size: 4 rows x 20 ft
 Experimental Design: Randomized Complete Block; 4 Replications
 Information: Sprayed with hand sprayer delivering 20 gal/acre at 30 psi on 07/28/06.
 Plant growth stage ca. R3-R4 but plants appear drought stressed
 Phytotoxicity: none noted
 Evaluation: Counted larvae/3 row ft in each plot on 07/31/06 and 08/09/06. Beans were harvested (baled for foliage) on 08/10/06 due to drought and thus poor yield potential.
 Information: Pretreatment counts averaged 6 larvae/3 row ft on 07/28/06.

No.	Treatment	Total number of larvae/ 3 row ft.	
		July 31, 2006 (3 DAT)	August 09, 2006 (12 DAT)
1	Untreated	8.25 ± 2.17a	5.75 ± 1.11a
2	Trimax Pro + NIS @ 1.36 oz./acre	0.00 ± 0.00b	0.75 ± 0.48b
3	Baythroid XL @ 2.0 oz./acre	0.00 ± 0.00b	1.00 ± 0.71b
4	Baythroid XL @ 2.8 oz./acre	0.25 ± 0.25b	0.25 ± 0.25b
5	Baythroid XL @ 2.0 oz./acre + Lorsban 480EC @ 8.0 oz./acre	0.50 ± 0.50b	0.00 ± 0.00b
6	Warrior 1CS @ 2.56 oz./acre	0.25 ± 0.25b	0.00 ± 0.00b
7	Warrior 1CS @ 3.20 oz./acre	0.00 ± 0.00b	0.00 ± 0.00b
8	Warrior 1CS @ 3.84 oz./acre	0.50 ± 0.29b	0.00 ± 0.00b
9	Lorsban 480EC @ 16.0 oz./acre	0.00 ± 0.00b	0.00 ± 0.00b
10	Fanfare @ 2.0 oz./acre	0.00 ± 0.00b	0.50 ± 0.29b
11	Fanfare @ 3.0 oz./acre	0.00 ± 0.00b	0.00 ± 0.00b
12	Silencer @ 2.0 oz./acre	1.00 ± 0.58b	0.75 ± 0.48b
13	Silencer @ 3.0 oz./acre	0.50 ± 0.50b	0.00 ± 0.00b

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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