



Fall Armyworm Control on Sorghum with foliar treatments.  
Lindsborg, KS 2005

Gerald Wilde, Department of Entomology, Kansas State University

Pest: Fall Armyworm, *Spodoptera frugiperda*

Crop: Sorghum, Pioneer 84G62, 8 treatments

Location: Lindsborg, Kansas

Planting Date: Not Known

Plot Size: 3 row, 30 ft

Experimental Design: Randomized Complete Block; 4 Replications

Information: Treated on 08/15/05. Plants in whorl stage, 2.5 ft in height, Insecticide applied with hand sprayer delivering 13 gal./acre at 30 psi

Phytotoxicity: none noted

Evaluation: Counted number of Fall Armyworm on 3 plants/plot on 08/21/05, Most of the larvae in 3-5 instar

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No.	Treatment/ Product Name	Fall Armyworm/plant
1	Asana 0.66 @ 0.015 GA/acre	0.92 ± 0.15a
2	Lannate 2.4 @ 0.045 GA/acre	1.25 ± 0.22a
3	Lorsban 4E @ 0.5 GA/acre	0.92 ± 0.19a
4	Baythroid 2E @ 0.03 GA/acre	0.75 ± 0.22a
5	Warrior 1E @ 0.02 GA/acre	0.92 ± 0.19a
6	Mustang 0.8 @ 0.017 GA/acre	0.83 ± 0.24a
7	Tracer @ 0.047 GA/acre	1.00 ± 0.17a
8	Untreated	1.58 ± 0.24a

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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