



2008 Wireworm Insecticide
Efficacy Trial – Riley Co., KS.

Jeff Whitworth, Holly Davis, Department of Entomology,
Kansas State University

Pest: Wireworms, *Melanotus cribulosus*

Crop: Field Corn, *Zea mays*; 22 treatments

Location: North Agronomy Farm, Manhattan, KS

Planting Date: 30 April 2008

Plot Size: 2 rows x 20 ft.

Experimental Design: Randomized Complete Block; 4 Replications

Information: Fertilized (100 lb. N/acre) and herbicide (BicepII) on 22 April 2008

Phytotoxicity: None noted

Evaluation: Counted number of live plants / 14 row ft / treatment on 9 June 2008

Special Notes: Received 4+ inches of very hard rain and hail on 2 June 2008.
Tornado on 11 June 2008.

2008 Wireworm Insecticide
Efficacy Trial – Riley Co., KS.

Jeff Whitworth, Holly Davis, Department of Entomology
Kansas State University

Evaluation Date: 09 June 2008

No.	Treatment/Product Name and Rate	Plant/ 14 ft row/ treatment (Mean ± SE)
1	Untreated	12.50 ± 2.18 e
2	Lattitude @ 3.6 oz/cwt	20.00 ± 2.27 abc
3	Poncho 250 @ 0.25 mg/seed	15.25 ± 0.48 bcde
4	Cruiser @ 0.25 mg/seed	20.75 ± 1.25 ab
5	Poncho 250 @ 0.25 mg/seed + Lattitude @ 3.6 oz/cwt	16.75 ± 2.75 bcde
6	Cruiser @ 0.25 mg/seed + Lattitude @ 3.6 oz/cwt	24.25 ± 0.48 a
7	Poncho 600 @ 0.25 mg/seed	20.50 ± 1.32 ab
8	Cruiser @ 0.25 mg/seed	19.50 ± 2.18 abcd
9	V-10170 @ 0.25 mg/seed	20.00 ± 2.68 abc
10	V-10170 @ 0.25 mg/seed	19.50 ± 2.36 abcd
11	Maxim XL @ 0.0089 + Apron @ 0.0025 + Dynasty @ 0.0025 mg/seed	18.00 ± 2.27 bcde
12	A14918 @ 0.0652 mg/seed	19.75 ± 1.60 abc
13	A14918 @ 0.0652 + Cruiser @ 0.25 mg/seed	20.25 ± 1.93 ab
14	A14918 @ 0.0652 + Cruiser @ 0.5 mg/seed	19.75 ± 2.95 abc
15	A14918 @ 0.0652 + STP 15201 @ 0.25 mg/seed	20.25 ± 1.80 ab
16	A16115 @ 0.49 + A14918 @ 0.0652 + Cruiser @ 0.16 mg/seed	20.25 ± 2.17 ab
17	A16115 @ 0.65 + A14918 @ 0.0652 + Cruiser @ 0.05	20.25 ± 2.17 ab

	mg/seed	
18	A16115 @ 0.82 + A14918 @ 0.0652 mg/seed	13.75 ± 2.25 de
19	A16115 @ 0.65 + A12838 @ 0.1 + A14918 @ 0.0652 + Cruiser @ 0.05 mg/seed	18.25 ± 2.50 bcde
20	STP15299 @ 0.34 + A14918 @ 0.0652 mg/seed	16.50 ± 2.33 bcde
21	Untreated	12.75 ± 2.06 e
22	Untreated	14.25 ± 0.48 cde

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.

Kansas State University Agricultural Experiment Station and Cooperative Extension Service

K-State Research and Extension is an equal opportunity provider and employer. Issued in furtherance of Cooperative Extension Work, Acts of May 8 and June 30, 1914, as amended. Kansas State University, County Extension Councils, Extension Districts, and United States Department of Agriculture Cooperating, Fred A. Cholick, Director.