

Nebraska Soybean & Feed Grains Profitability Project

Years: 2003

Title: Wireworm Insecticides

Crop: Corn

NSFGPP Operator: Jerry Mulliken, Dodge County

Private Industry Cooperator: Jerry Mulliken

Objective: To determine and document the influence of insecticide applied with fertilizer as compared to planter box treatment on the profitability of corn production.

Treatments: KernelGuard planter box treatment at standard dose vs. 1 oz/ac Bathroid 2 in 4.5 gal/ac 10-34-0 applied in seed slot at planting. (Both treatments received the same amount of 10-34-0 in seed slot).

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Results: 2003 (DK611)

Wireworms @ 0.8/trap April, 2003

<u>Variable</u>	<u>Kernel Guard</u>	<u>Baythroid</u>	<u>Prob > T/</u>
Yield, bu/ac at 15.5%	113	121	0.015 **
Moisture, %	16.2	16.2	0.629 ns
Pop., 1000 plants/ac	21.6	21.7	0.854 ns
Cost/ac	\$1.25	\$2.50	

Summary: Grain yield was significantly higher where Baythroid was applied in 2003.