2001 corn rootworm seed treatment insecticide test. Test 2.

Gerald Wilde, Kansas State University, Department of Entomology, Manhattan, KS.

Pest:	Western Corn Rootworm, Diabrotica virgifera virgifera
Crop:	Corn, various hybrids
Planting Date:	May 16
Location:	Norway, KS
Herbicide:	None
Plot size:	1 row 30 ft. long, 4 replications, 30 inch row spacing
Experimental Design:	Randomized Complete Books, 15 treatments
Planting Information:	Planted corn 1 1/2 inches in depth.
Field History:	Corn
Application Information:	Granular and liquid insecticides applied as directed by protocols with v-belt seeder in furrow or T Band
Evaluation:	Corn rootworm larvae damage rating on 3 plants per plot on July 17, 2001. Scale 0-3=no damage; 3=severe damage
Phytotoxicity:	none noted
Rainfall and Temperature:	
Irrigation:	Weekly. From first week in July
Soil:	
Infestation:	Artificial infested 3 plants/plot with 1000 WCR eggs/plant on 06/15/01
Insecticide Applied:	Treatments (See Table Below)

2001 corn rootworm seed treatment insecticide test. Test 2.

Gerald Wilde, Kansas State University, Department of Entomology, Manhattan, KS.

Treatment	Form	Rate [1]	
Regent	4SC	0.24 fl oz	0.04 f
Clothiandin	ST	1.25 mg/seed	0.27 f
Counter	20 CR	6 oz/IF	0.29 f
Lorsban	15 G	8 oz/IF	0.30 f
Clothiandin	ST	1.5 mg/seed	0.34 cf
Aztec	2.1	6.7 oz/IF	0.37 cf
Prescribe	ST	1.34 mg/seed	0.88 de
Force	3 G	4 oz/IF	1.07 cd
Proshield	ST	0.7 g/100m	1.13 cd
Force	3 G	4 oz TB	1.16 bcd
Clothianidin	ST	0.25 mg/seed	1.19 bcd
Gaucho	ST	0.16 mg/seed	1.53 abc
80698	ST	100 g/100 kg	1.69 ab
80698	ST	50 g/100 kg	1.93 a
Untreated	-----	-----	2.03 a
			LSD=0.55

[1] oz per 1000 row ft, IF-in-furrow, TB-Band.

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 It is the policy of Kansas State University Agricultural Experiment Station and Cooperative Extension Service that all persons shall have equal opportunity and access to its educational programs, services, activities, and materials without regard to race, color, religion, national origin, sex, age or disability. Kansas State University is an equal opportunity organization. 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, Marc A. Johnson, Director.

Kansas State University Agricultural Experiment Station and Cooperative Extension Service