2006 Pillbug Control in Soybean with Seed treatments. Greenhouse Test 2.

Gerald Wilde, Department of Entomology, Kansas State University

Pest:	Pillbug, *Armadillidium vulgare*
Crop:	Soybean, 9 treatments
Location:	Manhattan, Kansas
Planting Date:	05/31/06
Plot Size:	4 inch pots, 5 seeds/pot
Experimental Design:	Randomized Complete Block; 3 replications
Planting Information:	Soybeans planted 1-2 inch depth in greenhouse in soil mix # 1. Soil in good condition at planting.
Evaluation:	Infested with 20 pillbugs/pot at planting on 05/31/06. Counted number of plants/pot on 06/10/06. Plants removed and fresh weight determined on 06/20/06.

Trt. No.	Treatment/ Product Name	Plant number (Mean ± SE)	Fresh weight (Mean ± SE)
1	Untreated	2.3 ± 0.8cd	0.80 ± 0.4e
2	Regent 500FS @ 49.0 g ai/100 kg	4.3 ± 0.3ab	5.0 ± 0.86ab
3	Regent 500FS @ 98.0 g ai/100 kg	4.8 ± 0.3a	6.0 ± 0.9a
4	BAS 320001 240SC @ 100.0 g ai/100 kg	3.0 ± 0.4bcd	2.8 ± 0.7cde
5	Cruiser 600FS @ 100.0 g ai/100 kg	3.0 ± 1.1bcd	3.5 ± 1.3bc
6	BAS 911141 500FS @ 50.0 g ai/100 kg	3.8 ± 0.3abc	3.4 ± 0.4bcd
7	Untreated	1.5 ± 0.6d	0.8 ± 0.3e
8	Cruiser 600FS @ 50.0 g ai/100 kg	1.5 ± 0.3d	0.8 ± 0.3e
9	Cruiser 600FS @ 100.0 g ai/100 kg	2.3 ± 0.5cd	1.4 ± 0.5ed

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 Staten University, County Extension Councils, Extension Districts, and United States Department of Agriculture Cooperating, Fred A. Cholick, Director.