



**2006 Pillbug Control in Soybean with planting time treatments. Laboratory Test 2.
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Pest: Pillbug, *Armadillidium vulgare*

Crop: Soybean, 10 treatments

Location: Manhattan, Kansas

Planting Date: 06/23/06

Soil characteristics: Greenhouse potting soil

Experimental Design: Randomized Complete Block; 3 replications

Planting Information: Soybean planted 1-2 inch depth, soil in good condition at planting.

Evaluation: leaflets (cotyledons) removed from plants in greenhouse on 06/30/06 and placed one per dish in plastic dishes (2"x2"x1") on moist filter paper. Infested with 5 pill bugs/dish. Counted number of live pill bugs and assigned damage rating to cotyledons (0-10 scale, 0 = no damage and 10 = cotyledon 100% consumed) on 07/12/06.

Trt. No.	Treatment/ Product Name	Number Alive (Mean ± SE)	Damage Rating (Mean ± SE)
1	V-10195 @ 50.0 g ai/100 kg	3.7 ± 0.3abc	5.0 ± 0.6a
2	V-10195 @ 75.0 g ai/100 kg	4.3 ± 0.3ab	4.7 ± 0.9a
3	V-10195 @ 100.0 g ai/100 kg	4.0 ± 0.0ab	3.7 ± 0.3ab
4	V-10195 @ 125.0 g ai/100 kg	3.7 ± 0.3abc	2.0 ± 0.6bc
5	V-10195 @ 150.0 g ai/100 kg	2.7 ± 0.3c	3.7 ± 0.7ab
6	V-10170 @ 50.0 g ai/100 kg	2.7 ± 0.3c	2.0 ± 1.2bc
7	V-10112 @ 50.0 g ai/100 kg	3.3 ± 0.3bc	4.0 ± 1.5ab
8	Untreated	4.7 ± 0.3a	4.3 ± 0.9ab
9	Regent 500 TS @ 49.0 g ai/100 kg	0.3 ± 0.3d	1.0 ± 0.6c
10	Cruiser 600FS @ 100.0 g ai/100 kg	2.7 ± 0.7c	0.7 ± 0.7c

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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