



Pillbug Control in Soybean with planting time treatments.
Laboratory Test 3. 2005

Gerald Wilde, Department of Entomology, Kansas State University

Pest: Pillbug

Crop: Soybean, 3 treatments, Variety S33-N4RR.

Location: Manhattan, Kansas

Planting Date: July 06, 2004

Experimental Design: Randomized Complete Block; 5 dishes/treatment

Planting Information: Planted in greenhouse in soil mix # 1.

Evaluation: leaflets (cotyledons) removed from plants in greenhouse on 07/16/05 and placed one per dish in plastic dishes (2"x2"x1") on moist paper. Infested with 4 pill bugs. Cotyledons replaced on 7/19/05. Counted dead bugs and damage rating on cotyledons (0-10 scale based on % leaf area consumed) on 07/19/05 and 07/22/05.

Pillbug Control – Soybean (2005) – Laboratory Test 3

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1) 3rd day Observation

Trt. No.	Treatment/ Product Name	Number Dead (Mean ± SE)	Damage Rating (Mean ± SE)
1	Untreated Apron Max RFC	0.00 ± 0.00a	7.00 ± 1.10a
2	Apron Max RFC + Cruiser 50 g	0.00 ± 0.00a	1.00 ± 0.32b
3	Apron Max RFC + Cruiser 100 g	0.00 ± 0.00a	0.20 ± 0.20b

2) 6th day Observation

Trt. No.	Treatment/ Product Name	Number Dead (Mean ± SE)	Damage Rating (Mean ± SE)
1	Untreated Apron Max RFC	0.00 ± 0.00a	6.40 ± 1.40a
2	Apron Max RFC + Cruiser 50 g	0.00 ± 0.00a	2.00 ± 0.45b
3	Apron Max RFC + Cruiser 100 g	0.20 ± 0.20a	1.00 ± 0.00b

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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