



Pillbug Control in Soybean with planting time treatments.  
Laboratory Test 1. 2005

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Pest: Pillbug

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

Location: Manhattan, Kansas

Planting Date: June 15, 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 06/23/05 and placed one per dish in plastic dishes (2"x2"x1") on moist paper. Infested with 4 pill bugs. Cotyledons replaced on 6/26/05. Counted dead bugs and damage rating on cotyledons (0-10 scale based on % leaf area consumed) on 06/26/05 and 06/29/05.

## Pillbug Control – Soybean (2005) – Laboratory Test 1

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Evaluation date: 06/26/05 and 06/29/05.

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### 1) 3<sup>rd</sup> day Observation

Trt. No.	Treatment/ Product Name	Number Dead (Mean ± SE)	Damage Rating (Mean ± SE)
1	Untreated Apron Max RFC	0.00 ± 0.00c	3.00 ± 1.05a
2	Apron Max RFC + Cruiser 50 g	0.80 ± 0.40b	1.00 ± 0.45ab
3	Apron Max RFC + Cruiser 100 g	2.40 ± 0.20a	0.40 ± 0.24b

### 2) 6<sup>th</sup> day Observation

Trt. No.	Treatment/ Product Name	Number Dead (Mean ± SE)	Damage Rating (Mean ± SE)
1	Untreated Apron Max RFC	0.60 ± 0.60b	4.00 ± 1.64a
2	Apron Max RFC + Cruiser 50 g	0.60 ± 0.20b	1.20 ± 0.20ab
3	Apron Max RFC + Cruiser 100 g	2.60 ± 0.60a	0.20 ± 0.20b

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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