



**2006 Pillbug Control in Soybean with Seed treatments. Greenhouse Test 3.
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Pest: Pillbug, *Armadillidium vulgare*
 Crop: Soybean, 9 treatments
 Location: Manhattan, Kansas
 Planting Date: 06/08/06
 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 06/08/06. Counted number of plants/pot on 06/21/06. Plants removed and fresh weight determined on 06/30/06.

| Trt. No. | Treatment/ Product Name | Plant number (Mean ± SE) | Fresh weight (Mean ± SE) |
|-----------------|--------------------------------------|---------------------------------|---------------------------------|
| 1 | Untreated | 1.0 ± 0.7c | 2.1 ± 1.3c |
| 2 | Regent 500FS @ 49.0 g ai/100 kg | 3.8 ± 0.5a | 9.9 ± 2.1a |
| 3 | Regent 500FS @ 98.0 g ai/100 kg | 3.5 ± 0.9a | 10.3 ± 2.7a |
| 4 | BAS 320001 240SC @ 100.0 g ai/100 kg | 1.5 ± 1.0c | 3.8 ± 2.3c |
| 5 | Cruiser 600FS @ 100.0 g ai/100 kg | 3.6 ± 0.4a | 8.9 ± 0.7a |
| 6 | BAS 911141 500FS @ 50.0 g ai/100 kg | 3.5 ± 0.7a | 10.2 ± 1.3a |
| 7 | Untreated | 0.5 ± 0.5c | 1.8 ± 1.8c |
| 8 | Cruiser 600FS @ 50.0 g ai/100 kg | 2.3 ± 0.5abc | 5.3 ± 0.8abc |
| 9 | Cruiser 600FS @ 100.0 g ai/100 kg | 2.9 ± 0.4ab | 8.0 ± 1.9ab |

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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