



## Grasshopper Control in Pastures Test 2 - 2004

Investigator: Dr. Gerald Wilde

|                     |             |
|---------------------|-------------|
| Insect Code         | GRAHOP      |
| Crop Code           | BROSS       |
| Part Rated          | INSECT P    |
| Rating Data Type    | COUINS      |
| Rating Unit         | #/20ft      |
| Application Date:   | 10/Jul/2004 |
| Time of Day:        | 1:00pm      |
| Application Method: | hand spra   |
| Application Timing: | NCPOPE      |
| Applic. Placement:  | BANFOL      |
| Air Temp., Unit:    | 80 F        |
| Appl. Equipment:    | Hand Spry   |
| Operating Pressure: | 30psi       |
| Nozzle Type:        | cone        |

| No. | Treatment/ Product Name        | # of adults per 20 ft. * |
|-----|--------------------------------|--------------------------|
| 1   | Untreated                      | 14.50 a                  |
| 2   | Warrior 1.0 @ 0.015 a.i./acre  | 0.50 b                   |
| 3   | Warrior 1.0 @ 0.020 a.i./acre  | 0.00 b                   |
| 4   | Warrior 1.0 @ 0.025 a.i./acre  | 0.00 b                   |
| 5   | Warrior 1.0 @ 0.030 a.i./acre  | 0.00 b                   |
| 6   | Sevin 2.0 @ 1.50 a.i./acre     | 0.00 b                   |
| 7   | Asana .66 @ 0.030 a.i./acre    | 1.25 b                   |
| 8   | Baythroid 2E @ 0.030 a.i./acre | 0.75 b                   |
| 9   | Mustang 0.8 @ 0.018 a.i./acre  | 1.50 b                   |

\*Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

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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