

**ONION:** *Allium cepa* L. 'Brown Beauty'  
Onion thrips; *Thrips tabaci* Lindeman

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**CONTROL OF ONION THRIPS, FT. COLLINS, CO 1995, TRIAL 2:** The experimental site was established at the Colorado State University Department of Horticulture Field Research Center April 29 by seeding into double row beds. Individual plots consisted of single beds, 20-ft in length arranged in a RCB design with four replications. Applications were applied 27 July and 10 August using a CO<sub>2</sub> compressed air sprayer delivering 100 gal/acre at 45 psi, making a single pass along both sides of the plot. Evaluations were made by counting thrips from 10 plants per plot. Warrior 1E and TD2344-02 and Regent 80WG (fipronil) provided a high level of early season control, although persistence of effects of the treatments tended to be somewhat shorter. Precision 25W (fenoxycarb) was not effective.

| Treatment       | Rate<br>(AI)/acre | Thrips/plant |        |        |        |        |
|-----------------|-------------------|--------------|--------|--------|--------|--------|
|                 |                   | 31 Jul       | 4 Aug  | 14 Aug | 18 Aug | 25 Aug |
| Warrior 1E      | 0.02 lb           | 1.4 b        | 3.7 a  | 0.8 c  | 1.5 a  | 9.9 a  |
| Regent 80 WG    | 0.025 lb          |              |        |        |        |        |
| + Kinetic       | 1.25 v%/v         | 6.1 b        | 20.3 a | 2.7 bc | 10.9 a | 13.3 a |
| Regent 80WG     | 0.05 lb           |              |        |        |        |        |
| + Kinetic       | 1.25 v%/v         | 12.5 ab      | 22.4 a | 2.5 bc | 11.3 a | 18.4 a |
| TD2344-02 0.83E | 0.24 pt           | 5.3 b        | 13.0 a | 3.8 bc | 16.3 a | 6.9 a  |
| TD2344-02 0.83E | 0.33 pt           | 1.5 b        | 5.4 a  | 2.5 bc | 12.8 a | 16.8 a |
| Precision 25W   | 4 oz              |              |        |        |        |        |
| + Kinetic       | 1.25 v%/v         | 15.7 ab      | 19.8 a | 15.8 b | 27.8 a | 11.6 a |
| Untreated Check |                   | 25.9 a       | 32.4 a | 36.3 a | 17.3 a | 20.5 a |

Numbers within columns followed by the same letter are not significantly different ( $P = 0.05$ ) by SNK test.