



PREV-AM® ULTRA FOR THE CONTROL OF COLORADO POTATO BEETLE ON POTATOES

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| TARGET | Colorado potato beetle (<i>Leptinotarsa decemlineata</i>) | CROP | Potato, var. Russet Burbank |
| TRIAL DATE | July 2004 | LOCATION | Eltopia, WA |
| | | RESEARCHER | C. Dobie & A. Schreiber, Agriculture Development Group Inc. |

APPLICATION

The efficacy of various insecticides on Colorado potato beetle populations in Russet Burbank potatoes grown in the Columbia Basin, was investigated. The plot size was 8 x 6 m and a randomized complete block design with 4 replicates was used. Beetles were counted 4, 7, 11, 18 and 25 days after application. PREV-AM ULTRA and imidacloprid resulted in the numerically lowest overall numbers of the Colorado potato beetle population over the period between 4 and 25 days after application.

RESULTS

PREV-AM ULTRA and Admire (Imidacloprid) resulted in the numerically lowest overall numbers of the Colorado Potato Beetle population over the period between 4 and 25 days after application.

- UNTREATED
- PREV-AM ULTRA (1 oz./gal)
- Admire 2F (Imidacloprid) (19 fl. oz./a)
- Actara 25 WG (Thiamethoxam) (3 oz./a)
- Fulfill 50 WG (Pymetrozine) (5.7 oz./a)

COLORADO POTATO BEETLE COUNT AVERAGED OVER 5 EVALUATION DATES

