

# **EVALUATION OF LOROX<sup>®</sup> ON PARSLEY GROWN FOR SEED IN CENTRAL OREGON, 2005**

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## **Abstract**

Lorox<sup>®</sup> 50 DF (linuron) was applied at 2 lb and 4 lb per acre on May 19 to parsley grown for seed to determine crop safety. No crop injury was observed.

## **Introduction**

Parsley is grown on an average of 60 acres in central Oregon and produces an average annual income of \$145,000. Parsley is closely related to seed carrots, which are produced on an average of 1850 acres with an average annual income of \$6.36 million. Both crops are members of the family Umbelliferae. The objective of this project was to document crop safety for including parsley grown for seed on the Lorox label.

## **Methods and Materials**

Lorox was applied at 2 lb and 4 lb per acre on May 19 to plots 10 ft by 20 ft and replicated three times in a randomized complete block design. Treatments were applied using Tee Jet 8002 nozzles on a 9-ft, CO<sub>2</sub>-pressurized, hand-held boom sprayer at 40 psi and 20 gal of water/acre. A non-ionic surfactant was added at a rate of 0.25 % v/v to all treatments. Plots were visually evaluated for crop injury and reduction in seed set on June 20, July 25, August 29, and September 19.

## **Results and Discussion**

No crop injury was observed after the application of Lorox at either the 2-lb and 4-lb rates compared to untreated plots. Yields were not affected by the application of Lorox.