

Section VIII
Mites and Sap-Sucking Pests

COVERING YOUR ASH: WOOLLY ASH APHID IN OREGON

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The goal of this project is to develop phenological data for the woolly ash aphid in the Willamette Valley and to use this information to aid growers in the management of this pest.

Four nursery locations were sampled weekly from February 27, 2002 through June 5, 2002. Aphid populations were quantified through the season and the various morphs photographed. Hobo data loggers were placed in each site from February 2002 through trial duration. Additionally we noted phenological indicator plants in bloom.

Apterous (non-winged) aphids were found on April 3 at the Boring and Aurora sites, April 17 in Dayton, and April 23 in Yamhill. Alates were found on May 8 at the Aurora site and May 15 at the Boring site. Winged specimens have been collected and will be sent to Dr. Keith Pike at Washington State University for species identification.

A website is in design to aid growers in the identification and management of this aphid.