



## Section 2(ee) Recommendation

Date: January 26, 2011

Products: Actara® Insecticide  
EPA Registration No. 100-938

Uses: Suppression of the following insect pests in apple: apple maggot (*Rhagoletis pomonella*), Japanese beetle (*Popillia japonica*), San Jose scale (*Quadraspidiotus perniciosus*) and wooly apple aphid (*Eriosoma lanigerum*).

States: Oregon

This FIFRA Section 2(ee) recommends applications of Actara to apple for the suppression of apple maggot, Japanese beetle, San Jose scale and wooly apple aphid applied at the rate of 5.5 oz/A. The user must refer to the federally approved label for Actara and read and follow all directions for use, restrictions, and precautions.

### Directions for Use

Actara Insecticide will provide suppression of apple maggot, Japanese beetle, San Jose scale and wooly apple aphid applied at the rate of 5.5 oz/A. Make the application at postbloom following the specific instructions in the "Remarks" section of the "Pome Fruit" portion of the federal Section 3 label.

### Use Restrictions:

- **Maximum Actara Allowed per Growing Season:** Do not exceed a total of 16.5 oz./Acre (0.258 lb. a.i./A) of Actara or 0.258 lb. a.i. of thiamethoxam containing products per acre per growing season.
- **Pre-Harvest Interval (PHI):**  
35 day - Use rates exceeding 2.75 oz./A may not be applied closer than 35 days before harvest.  
14 day - Application rates equal to or less than 2.75 oz./A may be applied up to 14 days before harvest.
- **Minimum Interval Between Applications:** 10 days
- **Water volume:** Use a minimum of 50 GPA applied with ground equipment to ensure thorough coverage of foliage.
- Do not apply by air.

### Pollinator Precautions

- **Actara is highly toxic to bees exposed to direct treatment on blooming crops or weeds.**
- For apples, do not apply Actara after pre-bloom (early pink growth stage) or before post bloom (petal fall growth stage).
- Do not apply Actara or allow it to drift to blooming crops while bees are foraging in/or adjacent to the treatment area. This is especially critical if there are adjacent orchards that are blooming (Refer to Spray Drift Precautions on the federal Section 3 label for additional information).
- **After an Actara application, wait at least 5 days before placing beehives in the treated field.**
- If bees are foraging in the ground cover and it contains any blooming plants or weeds, always remove flowers before making an application. This may be accomplished by mowing, disking, mulching, flailing, or applying a labeled herbicide.
- Consult with your local cooperative extension service or state agency responsible for regulating pesticide use for additional pollinator safety practices.

The user must refer to the federally approved Actara label and read and follow all directions for use, restrictions, and precautions. It is a violation of federal law to use this product in a manner inconsistent with its labeling. The user should have this recommendation in their possession at the time of use.

This recommendation is made as permitted by Section 2(ee) of FIFRA, as amended, and has not been submitted to or approved by the EPA.

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