

# ***Crompton***

## **Crop Protection**

### **FIFRA Section 24(c) Supplemental Label RIMON<sup>®</sup> 0.83EC Insecticide for Use on Apples**

#### **FOR DISTRIBUTION AND USE ONLY IN THE STATE OF OREGON**

**EPA Reg. No. 66222-35-400**

**EPA SLN No. OR- 050007**

**This label valid until December 21, 2008 or until otherwise amended, withdrawn, canceled, or suspended.**

**IMPORTANT:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This label and the federal label for this product must be in the possession of the user at the time of pesticide application. Follow all other applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA-registered label. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

#### **GENERAL INFORMATION**

Rimon<sup>®</sup> 0.83EC is an insecticide for control of certain foliar and fruit feeding insect pests on apple. Rimon may be applied alone, as a tankmix, or in rotation with other insecticides. The primary mode of action is by disrupting cuticle formation and deposition occurring when insects molt, resulting in their death. Due to this mode of action, Rimon has no direct effect on adults.

**Chemigation Statement:** Do not apply this product through any type of irrigation system.

**NOTE:** The compatibility of Rimon with concurrent releases of insects for biocontrol of plant pests has not been established. When used as directed, Rimon affects developing immature stages of insects by disrupting the molting process. Consequently, fully developed adult stages of pest and beneficial species are not affected.

**Spray Drift:** For orchard airblast applications turn off outward pointing nozzles at row ends and outer rows. Apply only when wind speed is  $\leq 10$  mph at the application site as measured by an anemometer outside of the orchard/vineyard on the upwind side.

The applicator also must use all other measures necessary to control drift.

**Mixing Instructions:** Prepare solutions in a clean, empty spray tank. Use clean spray filters. Add water to 1/2 level of tank. Add the appropriate amount of Rimon to the tank and agitate to insure proper mixture. Continue filling tank with water until desired dilution is achieved. Re-agitate sprayer before use if application is interrupted; maintain tank agitation during application. Make up only the amount of application volume as required.

**Spray Coverage:** All parts of the crop must receive uniform spray coverage or else desired result may not occur. Consult your local agricultural specialist for specific information on the best rates, timings, and spray volumes for your region.

**Application:** Rimon must be ingested by insect larvae or adsorbed into eggs to be fully effective. Proper application techniques help ensure thorough spray coverage and correct dosage necessary to obtain optimum control. Higher water volumes and increased spray pressures generally provide better coverage. Apply at the recommended rates when insect populations reach locally determined economic thresholds. Consult the cooperative extension service, professional consultants or other qualified authorities to determine appropriate threshold levels for treatment in your area.

Sequential treatments of Rimon should be applied as needed, to keep pest population within threshold limits. Depending on target pest, Rimon should be applied at 14 to 17 day intervals to maintain control.

**Orchard Spraying:** Make applications of Rimon by conventional ground sprayers that are calibrated to deliver no less than 50 gallons per acre on trees less than 10 feet tall, and 75 to 400 gallons per acre on trees greater than 10 feet tall. Maintain the rate per acre regardless of spray volume or tree size.

When using an airblast sprayer, the equipment should be operated at proper ground speeds, adequate spray pressures and spray volumes to assure that the air volume within the tree canopy is completely replaced by the output from the airblast sprayer resulting in proper coverage of the target crop. Alternate row middle application patterns should be avoided since this application method may result in less than satisfactory coverage and poor performance in conditions of high pest infestation levels, extremely large trees and/or dense foliage.

**Application Restrictions:** For application to pome fruits: Do not apply within 75 feet by ground equipment of bodies of water such as lakes, reservoirs, rivers, permanent streams, natural ponds, marshes or estuaries. All applications must include a 25 foot vegetative buffer strip within the buffer zone to decrease runoff.

## INSECTS CONTROLLED BY RIMON 0.83EC ON APPLES

Target Pests	Rates in Fl. Oz. Per Acre	Application Timing
Codling moth	30 to 50	<p>Application timing is based on Biofix for the pest. The pest Biofix is based on the pest life cycle. Biofix is defined as the first sustained adult catch in pheromone traps – typically five moths in three traps in a seven-day period.</p> <p>For each codling moth generation:                      The 1<sup>st</sup> application should be made at 50 – 150 DD<sub>50</sub> (50 – 75 DD<sub>50</sub> for Western USA) following Biofix with the 2nd application 14 to 17 days later. A 3<sup>rd</sup> application should be made in 14 to 17 days if sustained moth pressure is high.</p> <p>Best protection is achieved when applications are initiated at the beginning of oviposition. RIMON must be applied prior to egg lay or shortly thereafter to prevent codling moth damage to fruit. RIMON will provide 14 to 17 days of fruit protection depending on the application rate and speed of fruit expansion once applied. Increase the rate and decrease the application interval for heavy infestation or continuous moth flight and egg oviposition.</p> <p>RIMON may be alternated with other insecticides targeted against the same pest as long as the application interval does not exceed the period of effectiveness of the alternate product and as long as RIMON is applied before larvae penetrate into the fruit.</p>

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### Restrictions/Precautions:

- Do not apply more than 4 applications per season.
- Do not apply more than 150 oz. per acre per season.
- Do not apply within 14 days of harvest

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#### Manufacturer and

SLN 24c – Registrant:

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