

## **HOP - RESTRICTION: NOT REGISTERED FOR USE IN CALIFORNIA (SUMMER APPLICATION)**

### General Information

#### APPLICATION DIRECTIONS

Gavicide Super 90 is a straight-cut, narrow boiling range petroleum oil designed specifically for use as a foliar or dormant/delayed dormant application on fruit, vine and nut crops and ornamentals. When using this product in combination with other pesticides, observe appropriate cautions and limitations for the products involved. Gavicide Super 90 is intended for use by the commercial grower or commercial applicator in conventional hydraulic sprayers, concentrate application equipment, ground applicators or aerial. The rates are specified on a per acre basis with the exception of Hops, Ornamentals and Shade trees where rates are expressed per 100 gallons of water.

Dilution: Fill spray tank with 1/2 the required amount of water. Start agitator. Add total amount of spray oil. Continue to agitate while adding balance of water and while spraying to keep oil and water mixed. DO NOT USE THIS MATERIAL IF IT DOES NOT EMULSIFY.

Ground applications: Dilute specified dosage in 50.0 to 2000 gallons of water per acre as directed below. Optimum spray gallonage per acre is based upon tree size, planting density and stage of growth.

Aerial applications: Make aerial applications only when weather conditions do not allow ground applications. Dilute Gavicide Super 90 at the rate of 15.0 to 30.0 gallons per acre in sufficient water for thorough coverage (consult with local Extension Service or agricultural chemical authority for dilution and/or combinations with currently registered pesticides). Use lower rate on susceptible varieties or young trees. In case of conflicting directions, refer to the specific crop instructions.

Applications: Gavicide Super 90 is formulated as a \"fast break\" spray oil and will not stay in solution unless agitated constantly. Keep agitator running at all times during spray operations. Apply so as to give total coverage to all parts of crop. Thorough drenching of trunks, limbs, twigs and leaves is essential for optimum

results.

Use Limitations:

Summer Sprays

- DO NOT combine with sulfur sprays
- DO NOT apply spray oil within 30 days before or after an application of sulfur.
- DO NOT use on foliage closer than 60 days after or 90 days before using captan or folpet products.
- DO NOT mix with insecticides or fungicides incompatible with oil. Consult your State Agricultural Extension Service for specific compatibilities.
- DO NOT apply to trees weakened by disease, drought, freezing temperatures, drying winds, or high nitrogen applications.
- DO NOT apply Gavicide Super 90 prior to or during a period of excessively hot temperatures (>90 °F).
- Maintain constant vigorous agitation during application to keep spray oil and water in solution.
- Multiple concentrate applications may cause plant injury or delayed bud development. Avoid double applications on the ends of crop rows when turning application equipment.

#### CROP APPLICATION RATES

Apply as pests appear. Adjust dosage within specified range according to pest infestation, crop canopy size, crop condition, etc. Gavicide Super 90 may be reapplied if pest pressure continues.

Limitations, Restrictions, and Exceptions

Hops

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## Summer Applications

Mites and Powdery mildew: For Powdery mildew, use 1.0 to 2.0 gallons Gavicide Super 90 per 100 gallons of water. Start sprays at early leaf stage. Continue sprays on a 10- to 14-day interval. For Mite control, use same spray regime as Powdery mildew. Stop sprays at burr development. Apply with ground equipment only. DO NOT use Propargite (Omite) within 40 days following an oil application. DO NOT apply oil within 30 days of a Propargite (Omite) application.

### Method

[Spray](#)

### Rates

[field rates 0](#)

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### Restricted Entry Interval

12 hours

### Timings

[As pests appear.](#)