

## **GRAPES - MEALYBUG**

### General Information

#### USE PRECAUTIONS AND RESTRICTIONS

Do not apply this product through any type of irrigation system. To avoid injury to trees, fruit or foliage, observe the following precautions when using spray oils; Do not combine Hort Oil 98-2 with sulfur sprays when applying to foliage or following a sulfur spray on foliage.

Avoid applications of sulfur following sprays of Hort Oil 98-2 until sufficient time has elapsed for oil dissipation. For foliage applications, the spray tank should be free of sulfur residues. After bloom, do not combine with sulfur sprays or injury may result. When finished spraying with oil, clean tanks and system of any residues because oil residues may cause crop injury when combined with some spray materials.

For dormant and Summer oil sprays preceded or followed by applications of other materials that may not be compatible with oil, a sufficient interval needs to be maintained due to the potential for serious leaf and fruit bud injury leading to a reduction in fruit set.

Do not use if emulsion breaks. If the emulsion should break in the spray tank, free oil will float to the surface causing excessive oil deposits at the end of each tank.

Severe injury to trees may result if used under these conditions. When cool, slow drying conditions exist, labeled rates may increase the potential for delayed bud development and/or leaf and fruit bud damage which may result in reduced fruit set.

Use lower labeled rates or delay application until weather improves.

Do not apply when temperatures are likely to fall below freezing before the spray has a chance to dry. Do not apply Hort Oil 98-2 when temperature is below 40°F.

#### GROUND APPLICATION

Apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

Do not apply at wind speeds greater than 15 mph at the application site. Apply as a

medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

For airblast applications turn off outward pointing nozzles at row ends and when spraying outer row. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

**AERIAL APPLICATION** For aerial applications of agricultural products, do not release spray at a height greater than 10 feet above the ground, top of crops, or above the orchard canopy.

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. When applications are made with a cross-wind, the swath will be displaced downwind.

The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. Leave at least one swath unsprayed at the downwind edge of the treated field.

Do not apply at wind speeds greater than 15 mph at the application site. Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

**IMPORTANT:**

Do not spray on freshly sheared or pruned plant materials.

Do not use on Conifers and ferns not tolerant to oil sprays.

In colder climates, broadleaf evergreens such as Rhododendrons, Cherry

Laurel, Holly, Ivy, Azalea, Oregon Grape, Cotoneaster, Barberry and Yews may be sensitive to oil sprays.

All oil sprays may cause discoloration to blue spruce and blue varieties of Junipers.

Allow sprays to dry before temperatures fall below freezing.

Do not spray at temperatures below 35 degrees Fahrenheit. If handgun has not been used for 20 minutes or longer, recirculate back into the tank until the hose is flushed.

Other insecticides registered for use on ornamentals may be tank-mixed with this product. Read and follow all instructions on the label(s) for the insecticide product(s) used in combination with Hort Oil 98-2.

Limitations, Restrictions, and Exceptions

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- Use 300 gallons of this mixture per acre with thorough coverage of the vines at delayed dormant stage up to bud break.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field\\_rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[At delayed dormant stage up to bud break.](#)