

## **FRUIT AND NUT CROPS - GRAPES - DORMANT**

### General Information

DO NOT USE THIS MATERIAL IF IT DOES NOT EMULSIFY.

### USE RESTRICTIONS AND PRECAUTIONS

Preharvest Interval - This product may be used up to the day of harvest.

For full coverage, dilute applications (greater than 150 gallons of spray solution per acre) are recommended.

Concentrate applications (usually from 20 to 150 gallons of spray solution) may reduce the coverage and thus the effectiveness. Application volumes depend on the crop type, crop size and target pest. Adjust the spray volume to obtain complete coverage without runoff. Extreme care should be taken when using concentrate sprays as the potential for enhanced crop phytotoxicity is increased. A concentrate application can provide satisfactory results as long as the spray unit is properly engineered, calibrated and operated.

Note: Use efficient equipment of the proper type. DO NOT spray during or immediately prior to temperatures over 95°F or when the temperature approaches freezing, or during hot dry winds, rain or other unsuitable conditions.

DO NOT overspray or double spray. Plants should be sprayed only when in vigorous condition and when their moisture condition is suitable. Before using, make certain spray tank is free of sulfur residues.

Sulfur: On Grapes: DO NOT apply sulfur within 10 days of an oil application. On all other Crops: DO NOT apply micronized sulfur within 10 days of an oil application and DO NOT apply oil within 14 days of an application of wettable or dusting sulfur.

Tank Mixes: This product may be mixed with other pesticides to improve the level of pest control. Read and follow all directions and restrictions on the labels of the proposed tank-mix products. The combination of this product with more than one other pesticide is not recommended. Use caution and read all labels thoroughly when using any other insecticide or miticide in combination with this product.

Always carry out a test spray for plant sensitivity before making a full scale application.

DO NOT use the following chemicals: Captan, Folpet, during, with or following an oil spray. A period of 14 days must elapse before any of the following chemicals are used before or after an application of this product: anilazine (Dyrene), chlorothalonil (Bravo), dicloran (Botran), dicofol (Kelthane), permethrin (Ambush, Pounce). DO NOT use chlorothalonil (Bravo) in a spray program with this product on grapes, ornamentals and strawberries. DO NOT use dicofol (Kelthane) in a spray program with this product on ornamentals and strawberries. DO NOT use propargite (Omite) with an oil spray or within 30 days before or after an oil spray.

This product has not been tested on all species or varieties.

Before treating a large area, treat a small area and observe prior to full scale application.

Protect painted surfaces, carpets, and furnishings from overspray as this product may cause discoloration.

Limitations, Restrictions, and Exceptions

GRAPES

APPLICATION RATE & TIMING

DORMANT

Use 1 to 3 gals. of oil per acre. Apply in sufficient water volume to ensure good coverage.

COMMENTS: Oil will remove the bloom on grapes. Table grapes should not be sprayed within 60 days of harvest. On grapes, DO NOT tank-mix oil and copper more than once/season. DO NOT use copper and oil together with fruit present.

For Powdery Mildew: Make first application pre-bloom and continue every ten days to three weeks depending on level of disease pressure. Use 2 gals. of oil per acre and a 10-day interval when disease conditions are severe.

Method

[Spray](#)

Restricted Entry Interval

4 hours

Timings

[Dormant](#)