CITRUS FRUIT CROP - CITRUS BUD MITE

General Information

GENERAL INFORMATION

ZORO is an emulsifiable concentrate that will control certain pests on the crops listed on the label when the product is applied according to the Directions for Use. Thorough coverage of foliage is essential for good mite and insect control.

NOTE:

- Phytotoxicity: ZORO has been tested for phytotoxicity and has a wide margin of safety on a variety of crops. ZORO has also been shown to be compatible with many commonly used pesticides, crop oils, and nutritional sprays. However, since it is not possible to test a large number of possible mixtures, the user should pre-test any proposed mixtures with ZORO to ensure the physical compatibility and lack of phytotoxic effects.

- New York State Restriction: Do not apply ZORO with aircraft in New York State.

Resistance Management

ZORO is a Group 6 insecticide (contains the active ingredient abamectin). Because of the inherent risks of pests developing resistance to any product, it is strongly advised that ZORO be used in a sound resistance management program. Treatment may not be effective against labeled pests if insect or mite-tolerant strains develop. When applying ZORO to plants that are hosts of labeled pests with multiple generations per crop per year, use resistance management practices.

Resistance management practices may include, but are not limited to:

- rotating ZORO with other products with different modes of action,

- avoiding treatment of successive generations with products based on abamectin or other Group 6 insecticides,

- using labeled rates at the specified spray intervals,
- using non-chemical alternatives such as beneficial arthropods,
- rotating susceptible to non-susceptible plants, and
- using various cultural practices

Limitations, Restrictions, and Exceptions

Citrus Fruit Crop Group

Apply using conventional dilute or concentrate ground application sprayers calibrated to deliver sufficient water for thorough coverage (or outside coverage for Asian citrus psylla, citrus leafminer, or citrus thrips). Gallons of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good mite and insect control.

RATE:

For Dilute Sprays: 1.0-2.0 fl. oz./ 100 gals.

For Concentrate Sprays: 10-20 fl oz/acre

Instructions

- Applications should be made with a minimum of 0.20% horticultural spray oil (not a dormant oil) in the spray mixture or not less than 1.0 gal. of oil/A (except when specified differently below).

- Citrus Bud Mite: For best results, time the spray at “bud swell”.

Note:

- For Dilute Sprays: The rate of ZORO per 100 gals. is based on a volume of 1,000 gals./A dilute spray.

- For concentrate sprays, adjust the dosage to apply an amount/A equal to that used in full cover dilute spray.

- For best results, use a minimum of 500 gals/A of spray mix with a minimum of 0.5% of finished spray horticultural oil (not a dormant oil).
Use Restrictions - Citrus Fruit Crop Group

- PHI: Do not apply within 7 days of harvest.

- Application Method: Ground application only. Do not apply with aircraft.

- Prohibited Use: To manage resistance do not use in citrus nurseries.

- Application Interval: Do not apply ZORO, or any other abamectin containing product within 30 days of the last treatment.

- Maximum Amount per Season: Do not apply more than 40 fl. oz./A (0.047 lb a.i./A) of ZORO or any other abamectin containing product, in any growing season. Do not make more than 3 applications of ZORO or any other abamectin containing product in any growing season.

- Grazing: Do not allow livestock to graze in treated orchards.

- Spray Drift: Observe the following precautions when spraying in the vicinity of aquatic areas such as lakes, reservoirs, permanent streams, marshes, natural ponds, estuaries, or commercial fish farm ponds.

- Spray last 3 rows upwind of aquatic areas using nozzles on 1 side only, with spray directed away from aquatic areas.

- Avoid spray going over tops of trees by adjusting or turning off top nozzles. Shut off nozzles on the side away from the grove/orchard when spraying the outside row. Shut off nozzles when turning at ends of row and passing tree gaps in rows.

- Do not apply ZORO when weather conditions favor drift to aquatic areas.

- Do not apply within 110 ft. upwind of aquatic areas or when wind speed is above 8 mph.

- Do not apply during a temperature inversion.

Method

Broadcast/Foliar Ground

Pre-Harvest Interval

7 days
Rates

field_rates 0
field_rates 1

Restricted Entry Interval

12 hours

Timings

At bud swell.