

Omite® 300W

TECH TOPIC

Wettable powder miticide

Provides effective control of damaging mites in pome fruit, stone fruit, strawberries, bananas, beans, hops, ornamental plants, tomatoes and other vegetables.

Active ingredient: 300 g/kg propargite
Class: Group 12C Insecticide

Omite acaride kills all active stages of the common species of leaf eating mites.

Always refer to the label for complete details.

BENEFITS

- Kills mites resistant to other chemicals
- Specifically targets plant feeding mites
- Active on motile mites
- Gentle to predatory mites & other beneficials
- Ideal for IPM
- Short withholding period
- Improves fruit quality & yield
- Persists on the leaf to give residual action

RELIABLE CONTROL OF PLANT FEEDING MITES

Mode of action

Propargite, the active ingredient in Omite, acts as a repellent that results in increased movement, giving motile mites more opportunities to make contact with the spray deposit.

Once contact is made, mite feeding stops, egg laying decreases and a slow, fatal paralysis occurs.

Mite control

Mite adults and nymphs are usually controlled within five to seven days after treatment. New hatchings of mites are also controlled in a few days.

Since Omite is gentle on beneficial insects and mite predators, they are left to clean up stragglers and feed on newly hatched nymphs.

Use Omite early

Early treatment of low level populations is recommended as the most effective means of control.

Ideal for IPM

Omite is specific to mites and doesn't affect bees, predator mites or beneficial insects, and is therefore ideal for integrated pest management programs. However, spraying during flowering is not a recommended practice with any pesticide.

Short withholding period

The withholding period for Omite 300W is three to seven days, meaning it can be applied close to harvest if necessary.

Application

Omite is not systemic in action, therefore coverage of both upper and lower leaf surfaces and fruit is necessary for effective control.

Further application may be required later in the season.

Plant safety

Omite 300W is safe to stone fruits and apples when applied under normal conditions. However, there are two conditions known to increase the chance of Omite 300W producing crop phytotoxicity:

1. High temperature, resulting in burning of the plant tissue.
2. Slow drying conditions, generally associated with high humidity and low temperatures. Under these conditions, Omite dries slowly on the plant, and is absorbed into the plant tissue causing tissue damage.

Resistance management

To ensure Omite continues to protect orchards from mites for many years, Omite should be applied in a resistance management program. Rotation of different miticides from different chemical groups is essential to prevent resistance.

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