

CONTAINS BIFENAZATE, THE ACTIVE INGREDIENT USED IN ACRAMITE® 4SC AND VIGILANT™ 4SC

PROTECT CROPS FROM MITES WITH IMMEDIATE AND LONG-LASTING CONTROL

Enervate™ 4 SC protects crops from harmful mites like two-spotted spider, pacific spider, willamette and brown almond. Enervate 4 SC provides immediate, on-contact control of mites with long-lasting residual control for up to 28 days. It contains the active ingredient, bifenazate, a highly effective miticide with complete life cycle control on labeled mites.

Enervate 4 SC is also effective on resistant mites allowing you to gain control of mites with fewer applications and reducing the chances for resistance to develop. Enervate 4 SC offers unique dual modes of action making it an excellent tank-mix partner and a superb addition to a resistance management or IPM program. In addition, its selective nature helps to minimize the impact on beneficial mites and insects.

KEY BENEFITS

- Long-lasting residual protection for up to 28 days
- Immediate, on-contact control
- Excellent tank-mix partner
- Complete life cycle control
- Safe for predaceous beneficial mites and insects
- Effective on resistant mites

KEY USES

- Almonds
- Avocado
- Caneberries
- Cucurbit vegetables
- Dried shelled beans
- Fruiting vegetables
- Grapes and small fruit vines
- Herbs
- Hops
- Legume vegetables
- Low-growing berries
- Mint
- Pome fruit
- Stone fruit
- Timothy forage and hay fed
- Tree nuts
- Tropical fruit
- Tuberous corn vegetables
- Walnuts

PRODUCT NOTES

EPA REGISTRATION NUMBER

91234-20

ACTIVE INGREDIENT

Bifenazate 43.2%

FORMULATION

Suspension concentrate

IRAC NUMBER

20D

SIGNAL WORD

Caution

PACKAGE SIZE

2 x 2.5 gal

RESTRICTED USE

No



ENGLISH LABEL



SPANISH LABEL



PORTFOLIO

APPLICATION INFORMATION

Enervate™ 4 SC can be applied by ground, air or by chemigation and should be applied as soon as mites are detected. For optimal coverage, calibrate and adjust equipment to create uniform and thorough spray coverage of the crop. Lower rates are recommended when mite pressure is not heavy, use higher rates when mite pressure is high and to provide extended residual control.

MIXING INSTRUCTIONS

Enervate 4 SC is a flowable suspension concentrate, properly stir or shake product prior to use.

1. Fill spray tank with ½ the desired amount of water.
2. Begin agitation and add the required amount of Enervate 4 SC.
3. Fill the tank with the remaining amount of required water and continue agitation until spraying is completed.

NOTE: The stability of this product can be affected by high pH and high temperature. For best results, spray mixtures containing Enervate 4 SC should be kept within pH 5.5 – 6.5.

TANK MIXES

To increase the range of insects controlled, other insecticides may be tank-mixed with Enervate 4 SC. It is strongly recommended that compatibility testing is conducted prior to widespread use. Tank mixtures are only permitted if all tank-mix partners are registered in the state of application and the most restrictive combination of label precautions and limitations must be followed.

STRATEGIES FOR RESISTANCE PREVENTION

To help prevent resistance from developing, the following strategies should be followed:

- IPM techniques should be incorporated into your insect control program.
- Ensure all treated foliage is thoroughly covered by spray.
- Do not wait to apply until pest pressure is heavy; scout regularly and apply Enervate 4 SC as soon as mites are detected.
- Always apply Enervate 4 SC using the label instructions.
- Unless otherwise indicated on the product label, make only one application of Enervate 4 SC per year and rotate to a product with a different mode of action.
- Because of its selectivity, Enervate 4 SC can be used in conjunction with most biological control organisms available for mite control. Enervate 4 SC, when used as directed, does not adversely affect populations of beneficial/predaceous mites and insects including:

Common lacewing (*Chrysopa carnea*)
Insidious flower bug (*Orius insidiosus*)
Predatory mite (*Amblyseius fallacis*)
Predatory mite (*Phytoseiulus persimilis*)
Predatory mite (*Typhlodromus pyri*)
Predatory mite (*Zetzellia mali*)

Seven-spotted ladybeetle (*Coccinella septempunctata*)
Six-spotted thrip (*Scolothrips sexmaculatus*)
Spider mite destroyer (*Stethorus punctum*)
Western flower thrip (*Frankliniella occidentalis*)
Western predatory mite (*Typhlodromus occidentalis*)

KEY INSECTS

Avocado red spider mite
Banks grass mite
Brown almonds mite
Citrus red mite
Clover mite
European red mite
McDaniel mite
Pacific spider mite
Pecan leaf scorch mite
Persea mite
Six-spotted mite
Southern red mite
Spruce spider mite
Strawberry spider mite
Two-spotted spider mite
Willamette mite

(Refer to product label for complete list)