

CONTAINS BIFENAZATE, THE ACTIVE INGREDIENT USED IN ACRAMITE® 50WS

FAST KNOCKDOWN AND EXTENDED RESIDUAL CONTROL FROM CROP DAMAGING MITES

Enervate™ 50 WSB protects crops from mites like two-spotted spider, pacific spider, willamette and brown almond. Enervate 50 WSB provides immediate control of mites with on-contact and residual activity that lasts for up to 28 days. It contains the active ingredient, bifenazate, a highly effective miticide with complete life cycle control on labeled mites.

Enervate 50 WSB is also effective on resistant mites allowing you to gain control of mites with fewer applications and reducing the chances for resistance to develop. It is an excellent tank-mix partner and is an excellent addition to a resistance management and IPM program due to its unique mode of action and selective nature, minimizing the impact to beneficial mites and insects.

KEY BENEFITS

- Extended residual control for up to 28 days
- Immediate knockdown control
- Excellent tank-mix partner
- Easy-to-use water soluble bag
- Highly effective on resistant mites
- Complete life cycle control

KEY USES

- | | |
|------------|----------------|
| ▪ Almonds | ▪ Peaches |
| ▪ Apples | ▪ Pears |
| ▪ Cherries | ▪ Strawberries |
| ▪ Grapes | ▪ Walnuts |

PRODUCT NOTES

EPA REGISTRATION NUMBER

91234-22

ACTIVE INGREDIENT

Bifenazate 50%

FORMULATION

Wettable powder

IRAC NUMBER

20D

SIGNAL WORD

Caution

PACKAGE SIZE

10 x 1 lb (2 x 0.5 lb WSB)

RESTRICTED USE

No



LABEL



PRODUCT INFO



PORTFOLIO

APPLICATION INFORMATION

Enervate™ 50 WSB can be applied by ground, air or chemigation and should be applied as soon as mites are detected. Calibrate and adjust equipment to create uniform and thorough spray coverage of the crop for optimal coverage. Lower rates are recommended when mite pressure is not heavy, use higher rate when mite pressure is high and to provide extended residual control.

MIXING INSTRUCTIONS

Enervate 50 WSB is a wettable powder in a water soluble bag. It is recommended to stir or shake this product well prior to use.

1. Fill spray tank with ½ the desired amount of water.
2. Begin agitation and add the required amount of Enervate 50 WSB.
3. If tank mixing, Atticus recommends thoroughly mixing in the Enervate 50 WSB first. Then add other products in the following sequence: water soluble bags, wettable powders, dry flowables, liquid flowables, liquids and finally other emulsifiable concentrates. For best results, let each product thoroughly disperse before adding another product to the mix.
4. 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 50 WSB 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 50 WSB. It is strongly recommended that compatibility with other tank-mix partners is confirmed by conducting small-scale tests 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 50 WSB as soon as mites are detected.
- Always apply Enervate 50 WSB according to the label instructions.
- Unless otherwise indicated on the product label, make only one application of Enervate 50 WSB per year and rotate to a product with a different mode of action.
- Because of its selectivity, Enervate 50 WSB can be used in conjunction with most biological control organisms available for mite control. Enervate 50 WSB, 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 (*Typhlodromus pyri*)

Predatory mite (*Zetzellia mali*)

Predatory mite (*Phytoseiulus persimilis*)

Seven-spotted lady beetle (*Coccinella septempunctata*)

Six-spotted thrip (*Scolothrips sexmaculatus*)

Spider mite destroyer (*Stethorus punctum*)

Western flower thrip (*Frankliniella occidentalis*)

Western predatory mite (*Typhlodromus occidentalis*)

The use of these organisms in conjunction with Enervate 50 WSB is encouraged as a means of reducing the number of chemical applications.

KEY INSECTS

Avocado red spider mite
Banks grass mite
Brown almond 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)