LONGER. STRONGER.

Quick knockdown
Ideal for IPM programs
Superior residual control
Short withholding periods
ACRAMITE:
Active: 480g/L Bifenazate
Formulation: Suspension Concentrate

LONGER.

Acramite is a selective miticide for the control of plant eating mites. It provides quick knockdown through contact activity with superior residual control.

Acramite outperforms, why settle for less?

Acramite exhibits excellent knockdown and residual control of Two-spotted spider mites (TSM) and sustains its higher efficacy well after the generic bifenazate formulation is reduced to less than half of its control.

MITES CONTROLLED
Acramite targets specific mites to give you fast and sure control of:
- Two-spotted mite (Tetranychus uriticae)
- European red mite (Panonychus ulmi)
- Bryobia mite (Bryobia rubrioculus)

MODE OF ACTION
Acramite is a contact acaracide that is active on all motile mite stages. Nymphs are controlled once eggs hatch after application.

Mites treated with Acramite will become hyperactive after approximately 3 hours and will cease feeding. Subsequently, their movements gradually decrease (paralysis) and mortality occurs after 3 to 7 days.

SAFE ON PREDATORY MITES & BENEFICIAL INSECTS
Acramite’s unique mode of action and selectivity on pest mites makes it the perfect fit for mite control in any IPM (Integrated Pest Management) and resistance management programs.

Acramite is selective and accurate, controlling pest mites without affecting populations of beneficial insects and predatory mites.

Predatory mites such as Phytoseiulus persimilis, Typhlodromus pyri and Typhlodromus occidentalis remain active and viable when Acramite is used as directed.

Residual control of Two-spotted spider mites over time (adult mites) – Acramite vs generic bifenazate

Residual control of Two-spotted spider mites over time (egg count) – Acramite vs generic bifenazate

Trial work conducted by Elizabeth Macarthur Agricultural Institute, NSW Department of Industry October 2017, using Acramite and Surefire® Macromite at the label rates of 65ml/100L.
FORMULATION MAKES ALL THE DIFFERENCE

Formulation quality of miticides can affect efficacy and performance in the control of specific target mites.

A potted plant glasshouse trial comparing the efficacy of Acramite to a generic bifenazate formulation on Two-spotted spider mites was undertaken by the NSW Department of Industry in October 2017.

The trial results show Acramite offering superior control of adult mites and future generations from hatching eggs over time compared to the generic bifenazate formulation.

Under ideal conditions mite populations from survivors can flare and cause sharp population increases.

Inadequate mite control can lead to a potential yield decrease in the following year; may result in increased numbers of overwintering female spider mites to damage the crop next year; and may also cause leaf drop and premature defoliation of trees.

STRONGER.

Trial results suggest that higher rates of the generic bifenazate formulation are required to control 90% and 99.9% of the population compared to Acramite.

Under ideal conditions surviving mites can flare and cause sharp population increases. The scenario below is based on a projection of mite generation based on a seven day turn around under ideal conditions (average temperature 30°C) using trial results.

Controlling mites is critical in keeping plants healthy to maximise production year on year. Inferior formulations can result in decreased yield if mites are not adequately controlled.
RESISTANCE MANAGEMENT

Acramite adds a much sought after option in miticides to help control pests that may be developing resistance to other commonly used products. Research from overseas on bifenazate (active in Acramite) did not find evidence of cross-resistance with currently registered acaracides in different modes of actions.

In terms of resistance management, it is important that there be only one application of Acramite per season. For any miticide it is essential to rotate with different chemical groups to prevent risk of resistance developing.

For strawberry crops two sprays per season are permitted, but a different chemistry should be used between Acramite applications.

FOR BEST RESULTS

- Apply as soon as mites appear
- Apply to the point of run off in a minimum water volume of 1000 L/hectare
- Thoroughly cover all plant parts for effective mite control
- Applying early will increase the length of residual control

REGISTRATION, PERMITS & RATES

Acramite is registered for use on:

<table>
<thead>
<tr>
<th>Category</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apples</td>
<td>65ml</td>
</tr>
<tr>
<td>Plums</td>
<td>65ml</td>
</tr>
<tr>
<td>Cucumbers</td>
<td>65ml</td>
</tr>
<tr>
<td>Pears</td>
<td>65ml</td>
</tr>
<tr>
<td>Eggplant</td>
<td>65ml</td>
</tr>
<tr>
<td>Apricots</td>
<td>65ml</td>
</tr>
<tr>
<td>Tomatoes</td>
<td>65ml</td>
</tr>
<tr>
<td>Nectarines</td>
<td>65ml</td>
</tr>
<tr>
<td>Capsicums</td>
<td>65ml</td>
</tr>
<tr>
<td>Peaches</td>
<td>65ml</td>
</tr>
<tr>
<td>Peppers</td>
<td>65ml</td>
</tr>
</tbody>
</table>

Permits for Acramite in several crops are also available, please refer to the APVMA website or call your Local Area Sales Manager for details.

One easy application rate of 65ml/100L water for all crop situations.

HARVEST WITHHOLDING PERIOD

Acramite has a short withholding period:

<table>
<thead>
<tr>
<th>Category</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apples and Pears</td>
<td>7 days</td>
</tr>
<tr>
<td>Apricots, Nectarines, Peaches &amp; Plums</td>
<td>3 days</td>
</tr>
<tr>
<td>Almonds</td>
<td>14 days</td>
</tr>
<tr>
<td>Fruiting Vegetables (inc. Tomatoes, Capsicum, Peppers and Eggplant)</td>
<td>1 day</td>
</tr>
<tr>
<td>Cucumbers (excluding cucumber)</td>
<td>3 days</td>
</tr>
<tr>
<td>Cucumber</td>
<td>1 day</td>
</tr>
<tr>
<td>Papaya</td>
<td>7 days</td>
</tr>
<tr>
<td>Strawberries</td>
<td>7 days</td>
</tr>
</tbody>
</table>

Re-entry: Once dry
Rainfastness: Once dry

COMPATIBILITY

It is recommended that Acramite be applied alone. We do not assume any responsibility for tank mix compatibility.

SALES ORDERS

Telephone 1800 078 007
Fax 1800 078 048
Email auorders@arysta.com

Always refer to the label for complete details

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