

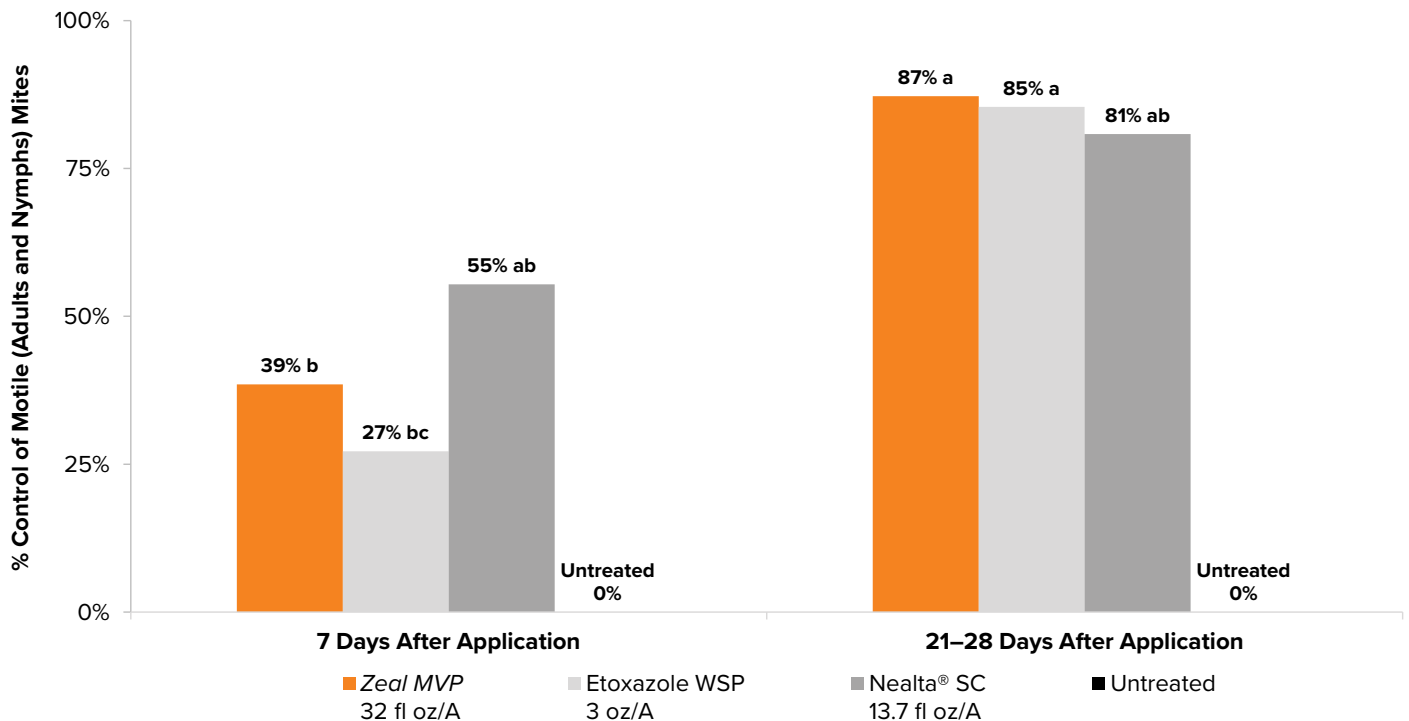
## Zeal® MVP Miticide: Optimized Formulation Delivers Better and More Comprehensive Performance

Zeal® MVP Miticide is an optimized EC formulation of Etoxazole that delivers better and more comprehensive performance versus original Etoxazole water soluble packet formulations. *Zeal MVP* provides long-lasting control of spider mites, including two-spotted spider mite, Pacific mite and Willamette spider mite. Plus, *Zeal MVP* is an excellent fit in resistance management programs that include rotation or combination of different classes of chemistries.

- ▶ Proprietary liquid formulation that better delivers active ingredient to reach mites
- ▶ Enhanced control at all life stages, including adult suppression

### Zeal MVP Mite Control in Grapes

As demonstrated by the following data summary of multiple trials across California, Washington and Mexico, *Zeal MVP* provides quicker results on adults (7 days after application), preventing future colonization and feeding. *Zeal MVP* enhances control at all life stages, including adult suppression (21–28 days after application).



Means followed by the same letters are not significantly different ( $P \leq 0.01$ ).

Summary across trials in California, Washington and Mexico. Crop: Grapes. Total number of trials: 7. Private cooperators.

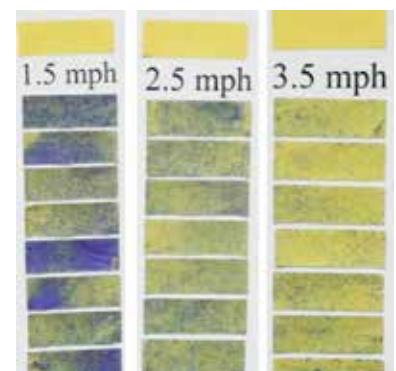
Source: Multiple trials

## How To Use

<b>Rate</b>	23–34.6 fl oz/A, <b>recommended rate 32 fl oz/A</b>
<b>Number of Applications</b>	One application per season
<b>Timing</b>	<i>Zeal MVP</i> is primarily an ovicide; therefore, apply early before mite populations increase
<b>Adjuvant Recommendation</b>	<ul style="list-style-type: none"> <li>• Nonionic surfactant or horticultural mineral oil</li> <li>• <b>Do not use a sticker-type adjuvant</b></li> </ul>
<b>Mixing</b>	<ul style="list-style-type: none"> <li>• Avoid tank mixes with sun protectants (Raynox® and kaolin)</li> <li>• Ensure water and final tank mix pH ranges from 5.5 to 8.0</li> <li>• Apply within 6 hours after mixing</li> </ul>
<b>Method</b>	Apply by ground with airblast equipment as a full coverage spray
<b>Spray Volume</b>	Use higher water volumes on more compact and dense foliage
<b>REI / PHI</b>	12 hours / 14 days

## *Zeal MVP* Best Management Practices

- ▶ Treat as populations are building
  - When weather forecast predicts hot and dry conditions, spray sooner instead of later
- ▶ Mite thresholds should drive application timing, not calendar
- ▶ Mild winters result in large overwintering populations
  - If warm spring continues, threshold will be reached earlier than previous years
  - Scout historical hot spots and early plantings
  - Spider mite populations mid- to late-season are more difficult to control on most crops
- ▶ Coverage is essential
  - Spray field at calibrated speed. Calibrated at 2.5 mph, sprayed at 3.5 mph cuts rate approximately 30%.
  - Avoid adjuvants known to inhibit translaminar activity
  - Treat whole fields—never skip borders or portions of the field as mites may already be there
- ▶ It can take 7–10 days to see full results with *Zeal MVP*. Wait 14 days after applying *Zeal MVP* before applying another miticide with a different mode of action.
- ▶ *Zeal MVP* continues to be easy on beneficials, including sixspotted thrips, lady beetles and lacewings



**Spray Distribution Study**



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