



| Field Corn, Popcorn, Seed |

Zeal® SC Miticide: Long-Lasting Mite Control

Zeal® SC Miticide provides long-lasting control of mites with a single application. The liquid formulation makes it easier than ever to load, mix and apply *Zeal* SC on your corn fields. *Zeal* SC removes the yield-drag potential that two-spotted spider mite, Banks grass mite and other species of spider mite can cause on your farm.

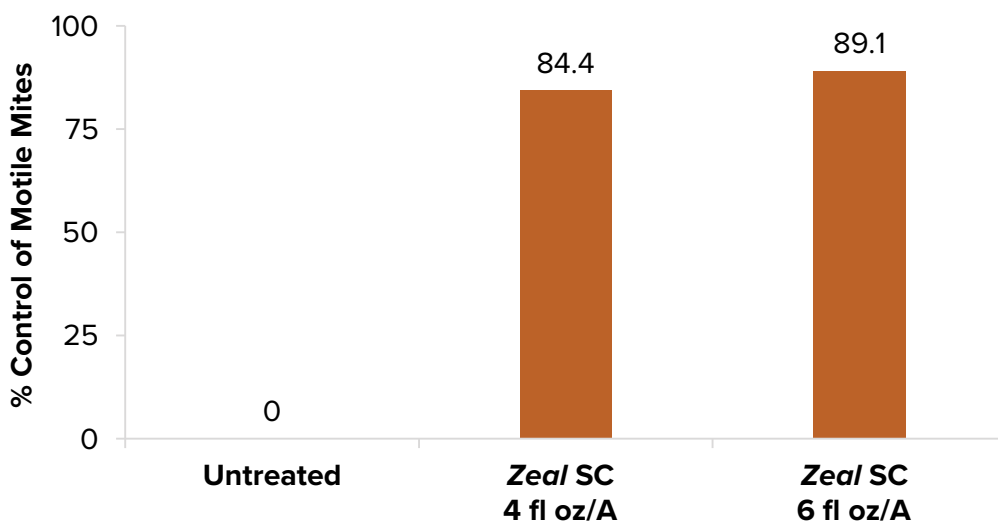
- ▶ **Unique mode of action** (Group 10B, mite growth regulator): translaminar activity; spray the top of the leaf and product moves to the bottom where mites are feeding
- ▶ **Works from beginning to end:** affects all life stages of mites from eggs to maturity
- ▶ **Farm friendly:** formulated for ease of use and application with a low use rate and easy-to-mix liquid formulation
- ▶ 12-hour REI and minimal impact on beneficial insects

Zeal SC: Controlling of Spider Mites in Corn

One application of *Zeal* SC at 6 fl oz/A as mite populations were beginning to build had the greatest amount of control of motile spider mites (adults + nymphs).

Nine combined trials in Kansas, Oklahoma and Texas. All treatments included an adjuvant.

Source: Valent U.S.A.



How To Use

Rate	4–6 fl oz/A
Timing	Apply at or before mite threshold. One application per season.
Method	Apply by ground or air (do not apply by air in New York). Good coverage is essential. Apply in a minimum of 10 gal/A of water by ground or 3 gal/A of water by air.
REI / PHI	12 hours / 21 days



Valent Guidelines—Mite Management Program

1. Apply Early

Don't wait until mites are above recommended thresholds for the crop. Apply miticides at or before your economic threshold. Apply when mites are within two leaves of the ear leaf.

2. Apply According to the Label Instructions

Follow label instructions on correct product and water rate per acre. If there are restrictions on tank mixing or additives, such as adjuvants or spreader stickers, follow these specific instructions. Take the time to thoroughly cover the crop and do not skip rows or spray perimeters. Maintain a continuous speed with ground and air equipment while spraying. Increasing speeds often results in more drift and reduced coverage.

3. Get Acquainted with Your Mites and Neighbors

Understand the mite species that neighboring growers have in their fields. Evaluate the potential for mite migration from one field to another based on cropping practices and specific crops that are recognized mites hosts.

4. Fight the Mite for the Long Haul

Managing mites is not a single event or one application of a miticide. Mites are prolific organisms. In addition, they use many crop hosts to survive adverse effects. Controlling mites with an integrated management approach will help ensure a win in the battle against yield damage caused by mites. Always consider the big picture and use historical control information to drive the course of new management practices in your crops.

5. Be Proactive Against Resistance

Growers can leverage a number of strategies to help protect currently labeled miticides and reduce the onset of mite resistance. Along with using a miticide growth regulator such as *Zeal* SC, rotate multiple, effective modes of action and apply appropriate, labeled rates to ensure the best, long-term results.

Other Important Information

- ▶ Compatible with fungicides, post emergence herbicides and most adjuvants (no sticker-type adjuvants)
- ▶ *Zeal* SC is a mite growth inhibitor and is the only miticide in IRAC Group 10B



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Always read and follow label instructions.

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