



# Miticide + Repellent

## A ZERO-DAY PHI MITICIDE FOR ALL ORGANIC CROPS

TetraCURB™ Organic is an OMRI Listed® contact miticide and repellent that provides effective mite control for a wide range of specialty crops with a zero-day Pre-Harvest Interval. With a high concentration of active ingredients formulated with a unique blend of botanical oils, TetraCURB Organic provides a quick knockdown of the mite populations. It is a new option for organic growers to include in their IPM program for excellent management of mite pressure throughout the crop growing season.

### Active Ingredients:

- Rosemary Oil.....50.00%
  - Clove Oil.....3.00%
  - Peppermint Oil.....1.95%
- Other ingredients:**.....45.05%
- Total.....100.00%

### Formulation

Emulsifiable concentrate

### Target Pest Controlled

- Spider mites
- Nymph and adult life stages

### Use Site

- Commercial use
- Broad range of food and non-food crops
- Indoor and outdoor operations

### MODES OF ACTION

**Contact miticide.** Provides an effective control and rapid knockdown of the mite populations in the nymph and adult stages of the life cycle.

#### Multiple modes of action:

- **PARALYZE:** Botanical oil blend contains components that are octopamine-receptor agonists and acetylcholinesterase inhibitors, which affect the pest's neurological system, causing paralysis
- **SUFFOCATE:** Botanical oils block air entering the spider mite's spiracle, stopping it from breathing
- **REPEL:** Vapor exposure protects surrounding treated crops by inducing avoidance behavior in spider mites.



Workers Safety



Convenient to Use



MRL Exempt



No Phytotoxicity Reported



Quick Knockdown



Ideal in IPM Program



Food-grade Ingredients



Minimal PPE



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## INTEGRATED PEST MANAGEMENT PROGRAM

### APPLICATION RATES

A minimum of 100 gallons of finished solution to treat 1 acre recommended

- **Preventative to low infestation:** Lower rate of 32 fl.oz /100 gallons of water
  - **Moderate to heavy infestation:** Higher rates of 64-256 fl.oz /100 gallons of water
- Apply in shorter spray intervals to maintain the desired level of control

### MIXING INSTRUCTIONS

Shake well before using. Liquid emulsifiable concentrate, must be diluted with water before using. Use dilution immediately. Do not store diluted solution.

- 1) Fill half of a clean tank with clean water and start tank agitation system.
- 2) Add the appropriate dosage of TetraCURB Organic to tank, while continuing constant agitation.
- 3) Fill the tank with the remaining amount of needed water.
- 4) Mix to obtain a homogenous mixture. Maintain agitation until solution is used.

**For best results, this product is intended to be combined with an approved wetting adjuvant or surfactant.**

### DIRECTIONS FOR USE

Refer to the label for full directions.



**Foliar spray:**  
Traditional spray equipment

### APPLICATION TIMING

- Apply when mites first appear and before the economic threshold is reached
- Use in an IPM program with a minimum of 2-3 applications over a 2-week period. (Recommended 5-7 days between application interval).

### EXPERT TIPS

Do not apply on plants under stress or when the temperature is 90°F or above.

Plant varieties are numerous and may react differently to TetraCURB. Test the product on a small scale before making large-scale applications.

Coverage is key for highest and optimal efficacy. Always spray the top and the underside surfaces of all leaves to ensure complete and uniform coverage until runoff.

### PACKAGE SIZES:

1 Gallon (case of 4) | 2.5 Gallon (case of 2)

Larger packaging sizes are available upon request.

Always read labels and follow label directions.

*FIFRA 25(b) Exempt pesticide: This product has not been registered by the United States Environmental Protection Agency. Kemlin Industries, Inc. represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).*

Certain statements may not be applicable in all geographic regions. Product labeling and associated claims may differ based upon regulatory requirements. Consult your Kemlin representative or your state regulatory representative for approval of this use in your state, specific applications and labeling.