



TetraCURB™  
CONCENTRATE

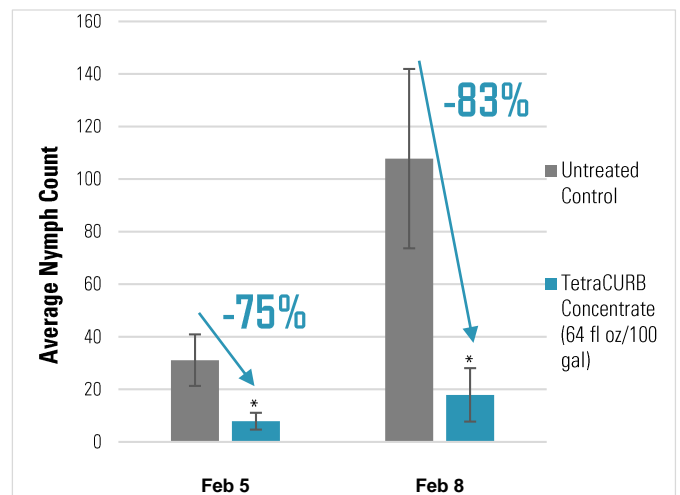
MITICIDE-INSECTICIDE

# EFFECTIVE SPIDER MITE CONTROL ON FLORIDA STRAWBERRIES



## BENEFITS OF TETRACURB™ CONCENTRATE

- Contact miticide-insecticide and repellent labeled for use on all types of specialty crops including strawberries.
- Controls two-spotted spider mites rapidly and effectively with up to 83% reduction of the nymph mite count after two applications!
- 25(b) minimum risk pesticide exempted from FIFRA Registration, zero-day PHI, zero-hour REI, minimal PPE, MRL exempt.

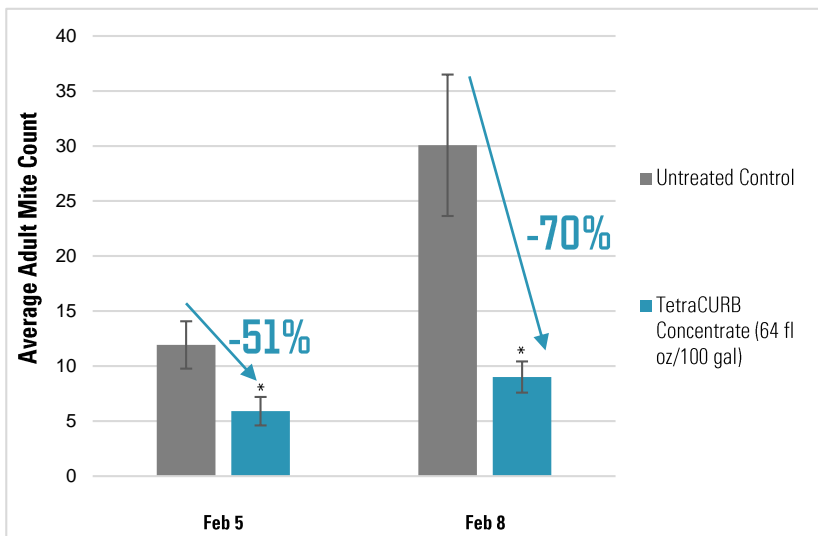


Nymph mite count 24 hours after application of TetraCURB Concentrate at 0.5% compared to untreated strawberries.

## KEEP YOUR STRAWBERRIES HEALTHY AND PROTECTED FROM TSSM

**TRIAL -** Third-party research lab. Florida Ag Research, Thonotosassa, FL. 2019.

**Crop:** Florida strawberry (variety: Sensation), raised on mulched beds, four feet from the center to center. Plot placed on 34 ft sections of the bed. **Infestation:** Two-spotted spider mites, nymphs and adults, inoculated into the field by placing infested bean plants, one day before the first spray application, next to the strawberry plant for 10 strawberry plants near the center of each plot. **Treatment rate:** 64 fl oz/100 gal water. Six replicated plots per treatment. **Application method:** Foliar spray with CO<sub>2</sub> backpack (six TeeJet® TXVK-8 nozzle). **Treatment dates:** Sprayed on Feb. 3<sup>rd</sup> and Feb. 6<sup>th</sup>, 2019. **Spray volume:** 100 gallons per acre. **Spray pressure:** 80 PSI. **Data collection:** TSSM population was counted 48 hours after each treatment (Feb. 5<sup>th</sup> and Feb. 8<sup>th</sup>, 2019).



Average (±SE) number of adult mites per 10 trifoliolate leaves (30 leaflets) collected from strawberry plants (10) within each experimental TetraCURB Concentrate plot, 48 hours after each treatment.

**TetraCURB Concentrate at 0.5% label rate succeeded to significantly reduce both the adult and nymph population by 51% and 75%, respectively after the first treatment and by 70% and 83% after the second treatment compared to the negative control.**

### ABOUT TETRACURB CONCENTRATE

- Horticultural oil-based miticide
- Emulsifiable concentrate
- Contains an adjuvant in the blend
- Rich in proprietary rosemary oil: 50% in the concentrate
- Environmentally-friendly product

### ACTIVE INGREDIENTS

Rosemary oil..... 50.00%

### SMART BLEND – MULTIPLE MODES OF ACTION

Kills on contact

- **Rosemary oil:** Targets the octopamine receptor in mites to disrupt their nervous system, causing avoidance behavior, paralysis, and suffocation
- **Emulsifier (wetting agent):** Allows uniform product contact across the plant surface, for maximum product efficacy with minimum phytotoxicity
- **Soap:** Disrupts cuticular waxes of the insect allowing rosemary oil to quickly penetrate and induce water loss in mites, resulting in desiccation and death

### KEY TARGET PEST CONTROLLED

- Mites and small soft-bodied insects such as aphids and whiteflies
- Adult and nymph stages

### BEST RECOMMENDED USE

Shake well before use

Must be diluted in water before application

No adjuvant required

- **Recommended rate:** 0.5%. Dilution of 64 fl oz/100 gal per acre
- **Timing:** Before economic threshold; temp. < 90°F
- **Method:** Spray application with standard sprayer and minimal PPE
- **Frequency of application:** For best results, spray 2-3 applications over a 2 week period.

*An OMRI Listed® version is available, contact your Sales representative for more information.*

Sources: Trial performed by Florida Ag Research. Kemlin TL-19-17579; shutterstock\_404843851.

*Intended for commercial use. Always read and follow label directions. Do not apply on stressed plants or when the temperature is 90° F or above. TetraCURB Concentrate is not registered or authorized for sale in all states. Consult your Kemlin Sales representative or your state regulatory representative for approval of this use in your state, specific applications and labeling. 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). Use strictly in accordance with precautionary statements and direction. For non-emergency Kemlin product inquiries, please call Customer Service at 1-800-752-2864 between the hours of 7 a.m.- 4:30 p.m. Central Standard Time. Monday - Friday.*

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