



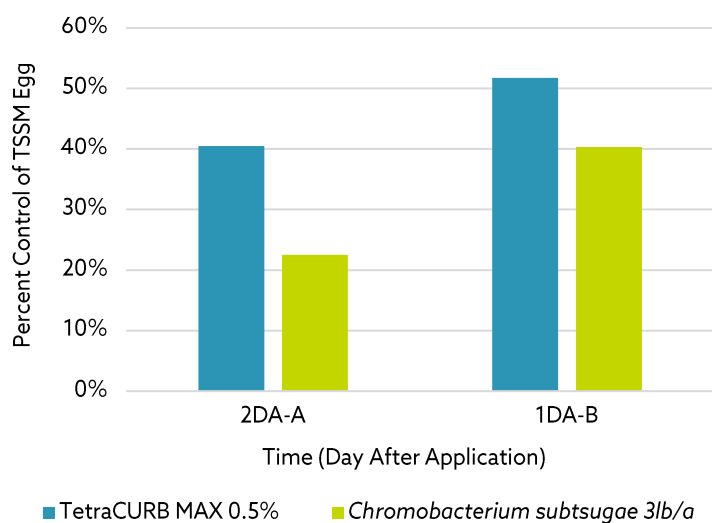
EFFICACY ON TWO-SPOTTED SPIDER MITES POPULATION IN CALIFORNIA STRAWBERRIES



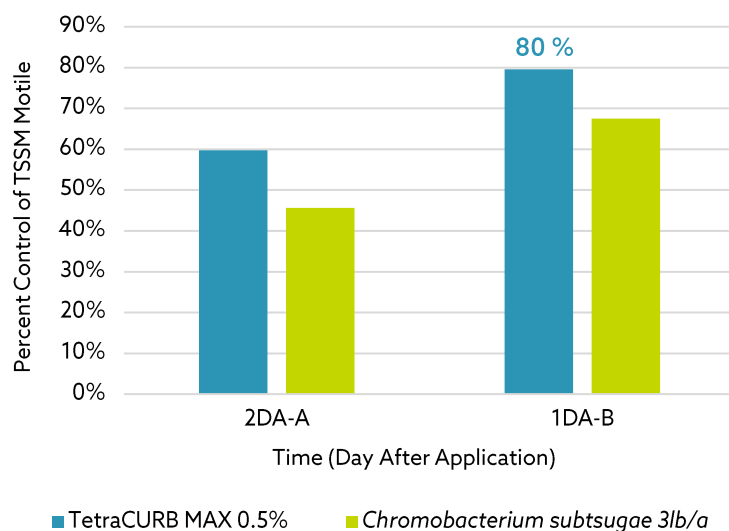
TRIAL PROTOCOL:

LOCATION: Aroma, California • **PERIOD:** August 31 – September 21, 2021 • **INFESTATION:** Two-spotted spider mites (*Tetranychus Urticae*) • **DESIGN:** Randomized Complete Block. Five replicates of 25 feet long strawberry beds with two plant lines in each bed • **SPRAY VOLUME:** 100 gal./acre • **TREATMENT RATES:** TetraCURB MAX at 64 fl. oz./100 gal. water (0.5%) | Negative control (NC): Untreated | Positive control: Industry standard (A.I.: *Chromobacterium subtsugae*) at 3 lbs/acre • **APPLICATION METHOD:** Backpack sprayer with wrap-around boom • **APPLICATION TIMING:** Once a week for four weeks after pre-counts reached economic threshold • **EGG & MOTILE COUNTS:** Prior to the first application and once 24-48 hours after each application.

**TETRACURB MAX CONTROL (%) OF
TSSM EGG LIFE STAGE**



**TETRACURB MAX CONTROL (%) OF
TSSM MOTILE LIFE STAGE**



TETRACURB MAX IS HIGHLY EFFECTIVE AT CONTROLLING TWO-SPOTTED SPIDER MITE EGGS AND MOTILES IN CALIFORNIA STRAWBERRIES

NO PHOTOTOXICITY WAS OBSERVED OVER THE COURSE OF THE TRIAL.

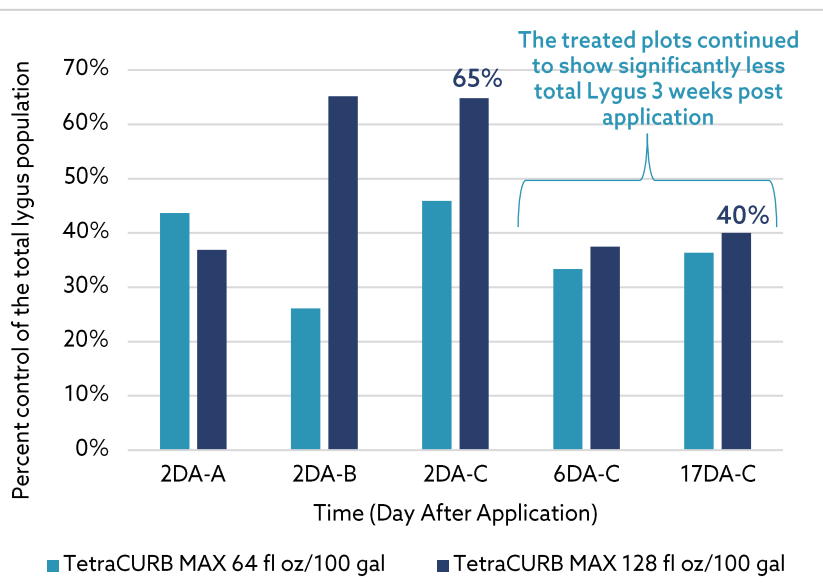
EFFICACY ON LYGUS BUGS POPULATION IN CALIFORNIA STRAWBERRIES



TRIAL PROTOCOL:

LOCATION: Holden Research and Consulting, Oxnard, CA • **CROP:** Portola strawberry variety • **INFESTATION:** Western tarnished plant bug (*lygus hesperus*) • **PERIOD:** October 27 - November 24, 2021 • **DESIGN:** Random complete block, 5.33 ft wide by 20 ft long blocks, six replicates of each treatment • **SPRAY VOLUME:** 150 gallons per acre • **TREATMENT RATES:** Two rates of TetraCURB MAX at 64 and 128 fl. oz./100 gal. water | Negative control (NC): Untreated • **APPLICATION TYPE:** R&D CO₂ backpack sprayer with 4 nozzles/bed • **APPLICATION:** Once a week for three weeks (A, B, C) • **COUNTS:** Nymph and adults, prior to the first application, then 6 DA-C and 17 DA-C.

TETRACURB™ MAX CONTROL (%) OF LYGUS BUGS



TETRACURB MAX CONTROLLED UP TO 65% OF THE TOTAL LYGUS POPULATION WHEN USED AT THE 1% RATE AFTER TWO APPLICATIONS, WITH A DOSE RESPONSE OBSERVED

NO PHYTOTOXICITY WAS SHOWN AT EITHER RATES.

TETRACURB MAX IS AN EXCELLENT TOOL FOR STRAWBERRY GROWERS TO USE IN ROTATION IN AN IPM PROGRAM TO CONTROL TSSM AND HARDER TO KILL PESTS LIKE LYGUS HESPERUS!



Top features & benefits

- Smart blend: Active ingredients formulated with emulsifiers, surfactants and synergistic solvents
- No adjuvant required

Active ingredients

- Castor oil.....20%
- Rosemary oil.....10%
- Clove oil.....3%
- Peppermint oil.....2%

Multiple modes of action

- Neurotoxic effect: Paralysis
- Contact effect: Suffocation and desiccation
- Repellency
- Quick knockdown
- Reduce development of pesticide resistance

Target pests controlled

- Thrips
- Lygus
- Aphids
- Mites, TSSM
- Other small, soft-bodied insects

Directions for use

Shake well before use

Must be diluted in water before application

- Recommended rates: 64-128 fl.oz./100 gal. of water
- Application method: Foliar spray. Full plant coverage required until runoff
- Recommended spray volume: 100 gal. of finished solution per acre
- Treatment interval: 5-7 days (no restrictions).



Sources: SD-22-24664, SD-22-24773 | Images: shutterstock_1133859392, shutterstock_1042823359, shutterstock_1006053763

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