PROTECT STRAWBERRIES AGAINST LYGUS BUGS

BENEFITS OF TETRACURB™

• Botanical oil-based, stand-alone pest management tools for the control of lygus bugs, nymphs and adults, on strawberries, with no known resistance and reported phytotoxicity, unlike other conventional chemistries.

• Excellent control of lygus population with a reduction up to 83% of total nymph and adult, over the untreated control.

• Help growers decrease their fruit loss and prevent unmarketable produce accumulation due to fruit deformity from the lygus bug damage.

Average ± standard error of total lygus population counts on strawberries. *Significant difference observed between the treatment and the untreated control.
Crop: Commercially grown strawberry (variety: *Fragaria vesca* cv.). Trial set up: Random complete block design with six replicate blocks, 5 ft wide by 25 ft row, for each treatment. Treatments: Three different treatments evaluated. 1) Untreated, 2) TetraCURB Concentrate: 64 fl oz/100 gal, 3) TetraCURB Organic + Adjuvant: 64 fl oz/100 gal + 8 fl oz/100 gal. Each treatment was applied four separate times (A, B, C and D); each spray being 5 to 7 days apart. Application method: Foliar spray. Standard grower practices. Trial dates: November 6, 2019 – December 2, 2019. Spray volume: 100-125 gallon per acre. Data collection: Adult and nymph population were counted before the first application and 1-2 days after each application (at least 10 plants samples per replicate). Fruits weight and number were recorded on 10 harvested ripe fruit plants per replicate. A fruit was scored for unmarketability reasons such as lygus damage, disease, or other.

**INCREASE YOUR MARKETABLE YIELD**

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**ABOUT TETRACURB CONCENTRATE**
- Emulsifiable concentrate
- Contains an adjuvant in the blend

**ACTIVE INGREDIENTS**
Rosemary oil.................. 50.00%

**MODES OF ACTION**
- Kills on contact
- Suffocation, desiccation, paralysis
- Repellent

**KEY TARGET PEST CONTROLLED**
- Small soft-bodied insects such as mites, lygus, aphids, whiteflies
- Adult and nymph stages

**BEST RECOMMENDED USE**
- Shake well before use
- Must be diluted in water before application
- Recommended rates: 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 minimum of 2-3 applications over a 2 week period.

**ABOUT TETRACURB ORGANIC**
- OMRI-LISTED®
- Adjuvant required only for TetraCURB Organic

**ACTIVE INGREDIENTS**
- Rosemary oil.................. 50.00%
- Clove oil.......................... 3.00%
- Peppermint oil................... 1.95%

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Sources: Trial performed by Holden research; Kemin TL-20-18110; image: shutterstock_533639122

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**TETRACURB CONCENTRATE SIGNIFICANTLY REDUCED THE FRUIT LOSS BY WEIGHT TWO WEEKS AFTER THE FIRST APPLICATION (#A) AND BY NUMBER 10 DAYS AFTER THE LAST SPRAY (#D), OVER THE UNTREATED PLOTS.**

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