



Pacific Biocontrol



**Unparalleled Protection**  
against Vine Mealybug

**ISOMATE** VMB

ISOMATE® VMB is sustainable pheromone mating disruption technology that delivers a consistent, uniform, release rate all season long.



## ***Manage Vine Mealybug***

- Single application for season-long control
- 180 - 210+ day longevity with uniform release
- Flexible rate to address VMB populations

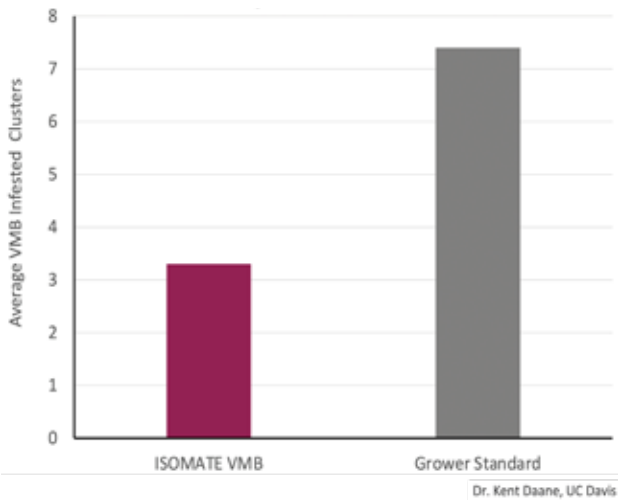
## ***Ease of use***

- Fast twist-tie application
- Secure during mechanical harvesting
- Discreet Coloring

## ***Get Expertise***

- We are *the* pheromone specialists
- Validated by independent research and UC
- Technical assistance with product rates

### VMB Grape Infestation 2019



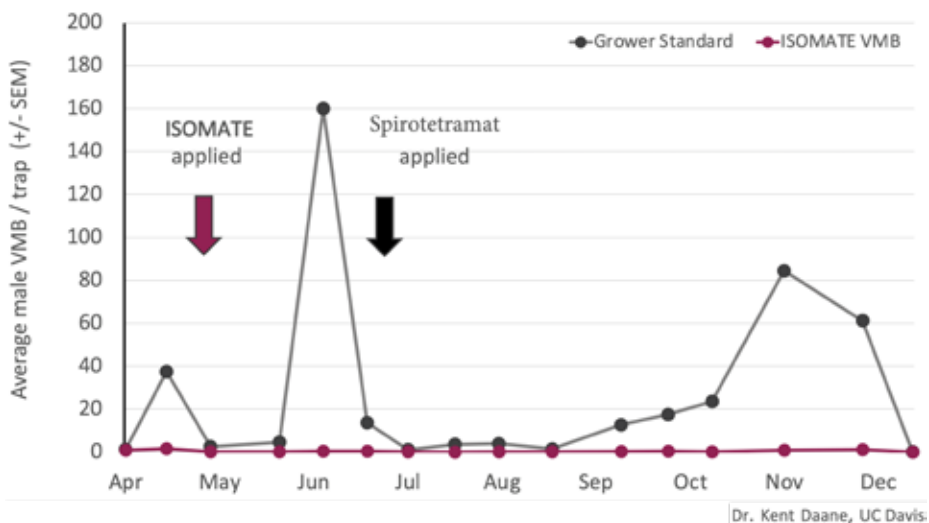
### Field Test Results

- Suppresses flight with one application all season long
- Reduces VMB grape infestation compared to grower standard program alone
- Consistent, uniform pheromone release

### Quick Facts

- 176.08 mg a.i./dispenser
- 120-200 dispensers/acre
- Registered for use in all grapes.
- Registered in California & Oregon

### VMB Flight 2019



### Longevity Data

Gravimetric data collected 2018-2020

Fresno	180+ days
Lodi	200+ days
Napa	210+ days



## Questions?

Reach out to your California pheromone mating disruption specialist.

They can provide you with :

- Deployment guidance
- Technical assistance with product rates for your pest density



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