

# Semios Pheromone Solutions

Pest flights and weather patterns can vary from season to season, shouldn't your mating disruption respond accordingly?

Leveraging data from your in-canopy sensor network, Semios Entomologists remotely control pheromone release in response to your orchard's pest activity.

The result? Your pheromone dispensing rate increases when pests are active, and decreases during periods of inactivity giving you extended coverage for late season pest pressure.

Aerosol Pheromone	Options	Crop
<b>Semios CM</b> (Codling Moth)	Certified Organic	Apple, pear and other pome fruits; walnut, pecan and other tree nut crops; peaches, prunes and other stone fruits
<b>Semios CRS</b> (California Red Scale)	Conventional	Citrus
<b>Semios NOW</b> (Navel Orangeworm)	Certified Organic Conventional	Walnut, pistachios, almonds, date, fig, citrus, pome and stone fruits
<b>Semios OBLR/PLR</b> (Oblique-banded Leafroller/ Pandemis Leafroller)	Certified Organic	Apple, pear, apricot, cherry, peach and plum; tree nut crop
<b>Semios OFM</b> (Oriental Fruit Moth)	Certified Organic	Apple, pear and peach
<b>Semios VMB</b> (Vine Mealybug)	Certified Organic	Grapes

## Included with Pheromone Solutions:

- ✓ **Networked camera traps**
  - Daily images of trap liners
  - Automated pest counts
  - Pest pressure alerts
- ✓ **Continuous pest pressure monitoring**
- ✓ **Variable rate mating disruption for late season coverage**
- ✓ **Enhanced degree day monitoring**
- ✓ **In-canopy weather tracking**
- ✓ **Mobile and web apps**
- ✓ **Installation and maintenance**