

Vineyard Management Platform

Know More. Worry Less.

Installation, monitoring,
& maintenance included



In-Canopy Climate

Accuracy where it matters most

- Per-acre temperature & humidity tracking
- Growing degree day calculator
- 7-day forecasting
- Granular frost tracking & alerts



Mobile Scouting App

Pinpoint your risk

- Snap geotagged & timestamped pictures
- Easily share observations with your team
- Validate management decisions
- Maintain accurate reporting records



Disease Management

Optimize spray timing & save money

- Powdery mildew prediction
- Per-acre disease risk map
- Spray timing planner
- Email & text alerts



Variable Rate Mating Disruption

All season long pheromone coverage

- Vine mealybug pheromone is automatically dispensed to target peak pest activity
- Camera traps monitor daily & weekly pest activity including flight timings.
- Daily trap counts & degree days
- Compare trap counts across seasons



Water Management

Get maximum return for your water

- Integrated irrigation planner
- Rain event reporting
- In-canopy evapotranspiration calculations
- Applied water
- Optional soil moisture monitoring

Reliable Wireless Network Unrivalled Service and Support

1 Installed by Semios

It all starts with a proven, in-canopy wireless network of sensors measuring climate, ET calculations, and optional soil moisture every 10 minutes at the industry's highest density.



2 Maintained all season by Semios

Reliable and trustworthy, access the information you need to fortify critical decisions related to sprays, wind machines, irrigation, and more.



Service & Support

We do the work so you don't have to.

We know labor and time are in short supply so our professional service team installs, maintains, and monitors your Semios system 24x7.

If your equipment needs attention, we know, *often before you do*, and automatically dispatch a crew out to service it. The result? Reliable technology you don't have to worry about.