

TRIC

Spider mite control that stays ahead of pressure

Commercial UV-C control proven at field scale, without disrupting beneficial mites

KEY INSIGHTS

- ▼ 33% Fewer Spider Mites

UV-C Rows Averaged 33% Lower TSSM Populations Vs. Grower-Standard Controls At Peak Season.
- 🐜 IPM-Compatible Control

No negative impact on persimilis predator populations in UV-treated rows.
- ▼ 38% Lower Visible Mite Pressure

Field Ratings Showed 38% Fewer Visible Mite Symptoms In UV-Treated Blocks.
- ✓ More Uniform Field Pressure

UV-treated rows showed fewer mite hotspots across the field.

WHAT WAS TESTED

A commercial-scale UV-C trial at Betteravia Farms, in Santa Maria CA, evaluated spider mite control across multiple UV intensities compared to grower standard organic programs.

Trial Snapshot

Trial Length	Mar 24 - Aug 11, 2024
Acres Tested	19.26 Organic Acres
TRIC Service Delivered	52 Nights, 10 Acres/Night

Field Proven. Trusted by Growers.



RESULTS

Metric	UV-C Treated Rows
Peak Season Mite Pressure	▼ 33% Fewer Mites
Visible Symptoms	▼ 38% Reduction
Beneficial Mites	◀ No Negative Impact

OPERATIONAL BENEFITS OBSERVED

- Reduced daytime field congestion
- Compatible with *Persimilis* releases
- Fewer supplemental applications
- Cleaner, more uniform fields



TRIC delivers autonomous UV-C treatments that integrate seamlessly into IPM programs while reducing reliance on miticides.



Booking & Treatment Season

Santa Maria:
Reservations: Dec-Jan | Treatments: Feb-Oct
Oxnard:
Reservations: Oct-Nov | Treatments: Dec-May

Let's Talk!

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