

TRIC

Powdery Mildew Control That Protects Yield

Season-long UV-C mildew control, proven in California commercial strawberry production.

KEY INSIGHTS

▼ 30% Lower Mildew Pressure

Complete replacement of mildew control inputs and labor.

▼ 50% Fewer Tractor Passes

Replacing sulfur sprays cut tractor passes in half and reduced field labor demands.

🍓 Healthier Canopies

Plants showed fuller canopies and less leaf stress, confirmed by stronger NDVI signals.

🔄 Season-Long Disease Control

UV-Treated Plants Remained Below IPM Threshold (<1 Rating) Throughout The Trial Period.

WHAT WAS TESTED

A 159-day trial at Betteravia Farms, in Santa Maria CA, compared TRIC UV-C to standard oil and sulfur mildew control in strawberries.

Trial Snapshot

Trial Length	157 _{DAYS} 99 _{NIGHTS}
Acres Tested	15.95 _{/ORGANIC ACRES}
Coverage	8 _{ACRES / PER NIGHT}

FIELD RESULTS: UV-C VS GROWER STANDARD

A 159-day commercial trial at Betteravia Farms, in Santa Maria CA, compared TRIC UV-C treatment to standard oil and sulfur programs on mildew-susceptible strawberry varieties.

Metric	UV-C Treated Rows
Mildew Rating	30% Lower
IPM Ratings	Consistently <1*
Canopy Health	Fuller, Less Stressed <1*

*Evaluations Followed The UC IPM 1-5 Scale, With 1 Indicating No Visible Mildew And 5 Representing Severe Infection.

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OPERATIONAL BENEFITS OBSERVED



CONSISTENT SEASON-
LONG DISEASE CONTROL



ELIMINATION OF
SULFUR & OIL INPUTS



SAFER, IMPROVED
WORKING CONDITIONS

"Our team could see the results by just walking through the field. The plants looked **healthier**, especially on the Ravina varieties which are particularly susceptible to mildew. **By removing sulfur, we cut the number of tractor passes in half**, created a healthier environment for our employees and **improved overall plant health.**"



Anthony Reade
Director of Berry Production

TRIC Robotics provides autonomous pest control services that help growers protect yield, lower costs, and improve profitability.

Scan to watch a video interview with Mason Davis of Betteravia Farms.



TRIC

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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