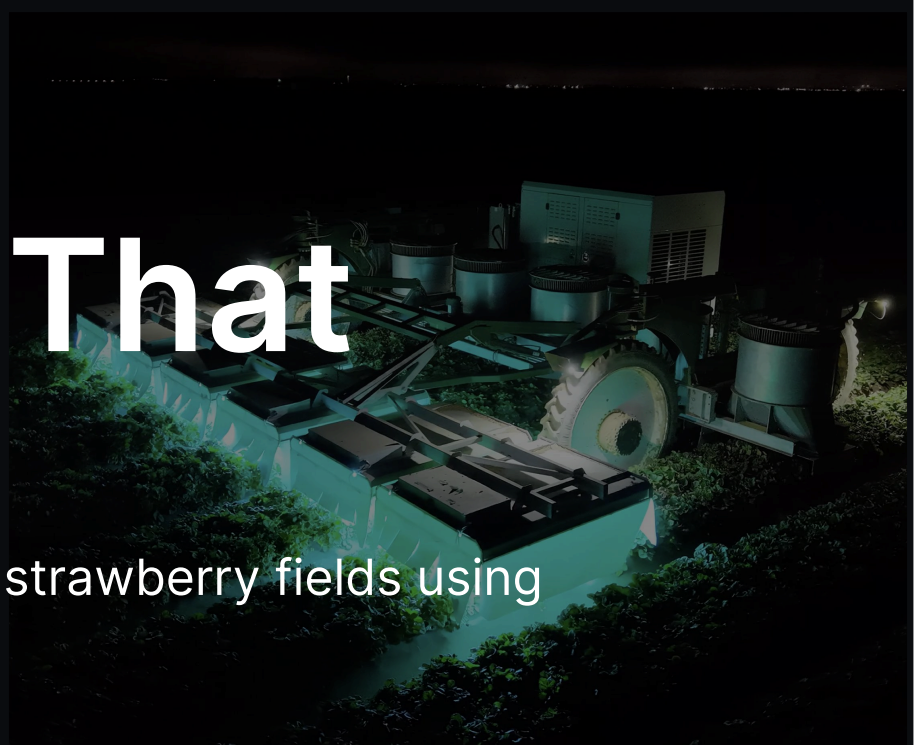


TRIC

Lygus Control That Pays for Itself

Field proven economic results from California strawberry fields using TRIC Robotics Advanced Vacuum Service.



KEY INSIGHTS

- ▼

35% Total Lygus Reduction

Consistent suppression across adults and nymphs
- ▲

Increased Marketable Production

Fewer catfaced berries, better packout
- ▼

58% Spotted Wing Drosophila Reduction

Benefits observed after population spikes
- \$

Fast ROI

Break-even reached in as little as one harvest week

WHAT WAS TESTED

An Independent Field Trial with the Cal Poly Strawberry Center

An 11-12 week commercial study comparing spray-only programs to spray plus vacuuming in both organic and conventional strawberry systems. Two separate commercial growers participated in the field trial and evaluations included lygus control, predator impacts, and ROI in these commercial strawberry farming conditions.



ORGANIC AND CONVENTIONAL PRODUCTION SYSTEMS RESULTS

Initial Savings

Production System	Monthly Savings	Break-Even Crates
Organic	\$507 / acre	15.6
Conventional	\$697 / acre	22.7

Lygus Reduction

Production System	Lygus Reduction
Organic	▼ 36%
Conventional	▼ 33%

Monthly Savings Per Acre

Acres	Organic	Conventional
1	\$507	\$697
10	\$5,070	\$6,970
50	\$25,350	\$34,850

Break-Even

Production System	Break Even
Organic	15.6 crates
Conventional	22.7 crates

An overhead view of the TRIC autonomous robot with its integrated UV-C and Bug Vac systems, delivering effective pest control during the overnight hours in Santa Maria, CA.



"TRIC is the first company that I've seen that is bringing effective UV-C and Bug-Vac technologies to large scale commercial strawberry acreage."

Sage Finch
Independent Pest Control Advisor (PCA) - San Luis Obispo, CA.

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

 CAL POLY
Strawberry Center

Explore the research behind these results:



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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