

A close-up photograph of a raspberry plant. In the upper left, a single ripe red raspberry is in focus, showing its characteristic bumpy texture. Below it and to the right are several white, five-petaled flowers. The background is filled with lush green leaves, some of which are slightly out of focus. A semi-transparent white rectangular box is overlaid on the left side of the image, containing the text 'CASE STUDY'.

# CASE STUDY

# RASPBERRY CROP

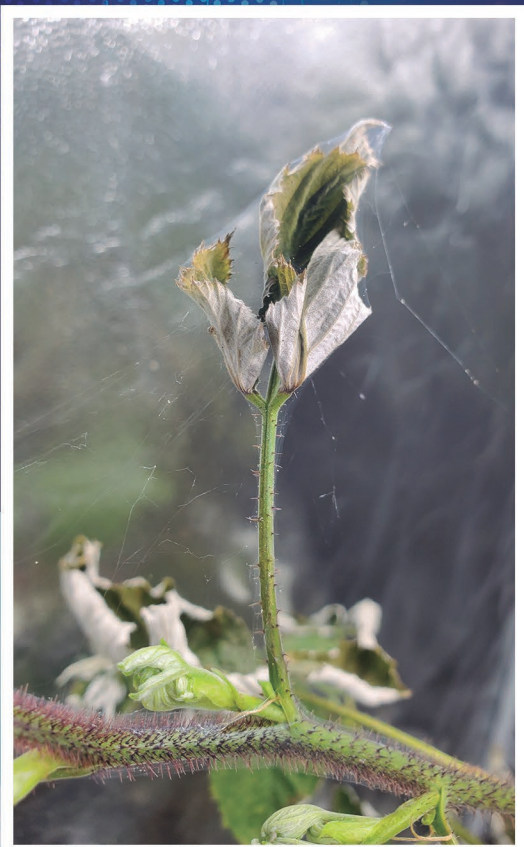
**INTRA LIGHT**  
BEYOND PESTICIDES



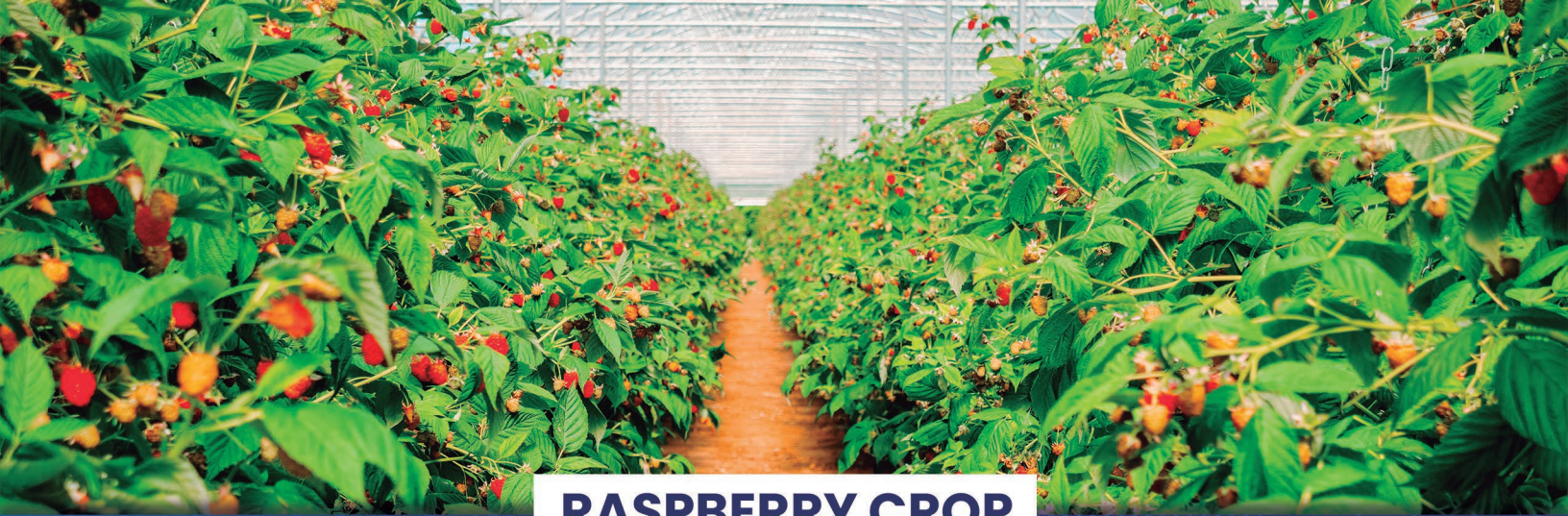


## KEY DATA

- Extensive webbing, stippling, and leaf desiccation
- 7-14 days of treatment to entirely collapse pest population
- Extensive new growth completely free from infestation







## RASPBERRY CROP

Raspberry plants showing early signs of spider mite infestation were transplanted into #5 pots equipped with Intra light #5 ring lights and placed into separate grow tents. Intra lights were not activated at this time. The spider mite population was left to grow over four weeks with no pesticide application of any kind.

**After four weeks** of growth extensive webbing was present across the crop, with extreme stippling on all leaves and desiccation beginning across the crop. Webbing presented across leaves, around new growth, and along stem thorns. At this point the pest population was well established and

Intra Light treatments were activated at sixty seconds every twenty four hours, beginning four hours into the dark period. After seven days of pesticidal light treatment two to three inches of new growth was present with no signs of stippling, webbing, or pest waste. No spider mites were identified on the new growth. Webbing along stem thorns abruptly stopped. Inactive spider mites remained in webbing on lower previously infested leaves and stems.

**After fourteen days** of pesticidal light treatment between 8 and 12 inches of new growth was present. No signs of stippling, webbing, or pest waste was identified on the new growth. No spider mites were identified on the new growth. With a complete lack of spider mite migration from the desiccated fully webbed lower growth to newly available leaves and stems it was concluded that DNA damage within the spider mite population had progressed to the point of eliminating the infestation entirely.

Reported pest populations collapsed after four days of light treatment. Photoperiodicity was not affected by the nightly light treatments. The few pests that were found were relegated to leaves located above the densest canopy regions.



## AFTER INTRALIGHT TREATMENT



Spider mites completely abated. New growth entirely clear of spider mite infestation.



Heavy webbing and complete desiccation from spider mite infestation.



EXTENSIVE HEALTHY NEW GROWTH ENTIRELY CLEAR OF INFESTATION





## KEY STATISTICS

**100%**

CHEMICAL  
PESTICIDE FREE

**100%**

PEST  
ELIMINATION

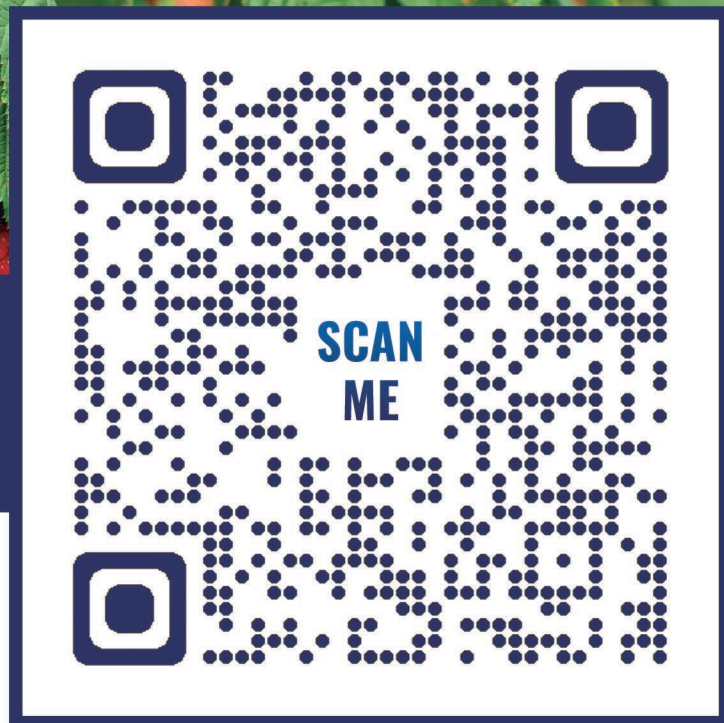
**\$<.1**

NEGLIGABLE  
ENERGY COST

**~99.8%**

PRODUCT LIFESPAN  
REMAINING.





# SWITCH TO INTRALIGHTS TODAY

AND POSITION YOURSELF AMONG THE  
CUTTING-EDGE GROWERS UTILIZING NO-RESIDUE  
TECHNOLOGY.







**BUY NOW [INTRALIGHT.CO](https://intralight.co)**

**FREE CONSULTATIONS  
AVAILABLE!**

✉ [Sales@intralight.co](mailto:Sales@intralight.co)

ℹ [Info@intralight.co](mailto:Info@intralight.co)

**INTRA LIGHT**  
BEYOND PESTICIDES





# INTRA LIGHT

BEYOND PESTICIDES