

# ISCALure-Citrella™

ISCA's species specific pheromone lure to manage the citrus leafminer

The citrus leafminer (CLM) *Phyllocnistis citrella* is a damaging pest of citrus because the larval stage mines the leaves and fruits, ultimately killing the leaves and defoliating young citrus trees. Though CLM damages a variety of citrus plants, grapefruit, lemon, lime and orange appear to be most susceptible to damage by this pest.

Since 2001, the CLM has infested citrus growing regions of the United States, including California and Florida.

ISCA Technologies introduces ISCALure-Citrella, a new pheromone lure designed to manage this pest. ISCALure-Citrella, like ISCA's other pheromone based products, is environmentally friendly, species specific and emits the naturally occurring CLM pheromone in a controlled release which mimics a female CLM. The lure attracts male CLMs to the insect trap over a period of 4 to 8 weeks. ISCALure-Citrella can be used for the monitoring and mass trapping of CLM. It has been selected by leading CLM researchers and the California Department of Food and Agriculture as a tool to monitor and manage CLM infestations.



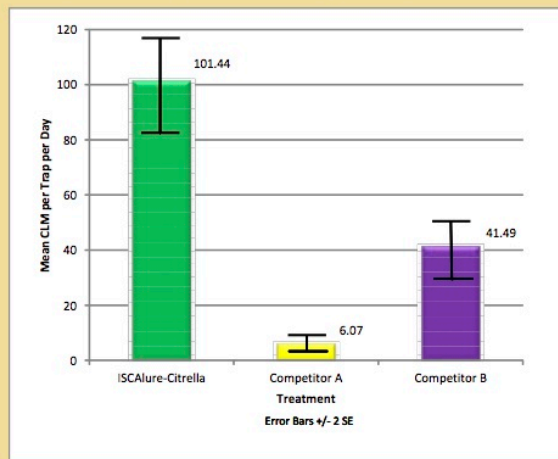
### ISCALure-Citrella in an ISCA delta trap

After a few days in the field, hundreds of male citrus leafminers (extremely small, almost dust-like in appearance) are captured on the sticky liner of the delta trap. This grower did not realize that CLM had recently infested her orchard until she used the ISCALure-Citrella in a monitoring program.

### ISCALure-Citrella: Definitely the best pheromone lure for CLM

Are all pheromone lures the same? No!

Quantitative lab analysis comparing three leading CLM pheromone lures had shown that ISCALure-Citrella has the highest content of species-specific pheromone blend and isomeric purity. ISCALure-Citrella's optimal composition greatly distinguishes its performance, as confirmed by an independent field trial.



After 180 days in the field, traps baited with ISCALure-Citrella captured significantly more CLM per trap per day than the competitors' lures, demonstrating superior attraction and longevity.

Reference : Quantitative Analysis and Field Performance of Commercial Citrus Leafminer Pheromone Lures