

# 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.

**ORDER ONLINE!**  
[www.iscotech.com/shop](http://www.iscotech.com/shop)



Citrus leafminer leaf damage



**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.

**Are all pheromone lures the same for an insect species? No!**

Isomeric purity is an important indicator of species specific attractancy for many insect pheromones, as is the case for the CLM pheromone. As a result of improving upon key stages of the synthesis process, ISCA's chemists have successfully synthesized the CLM pheromone with the highest isomeric purity achieved thus far. ISCA's entomologists have verified through field tests that its CLM lures made from its purified pheromone blend performed as well as or better than those from other commercial sources.

**Competitive Field Trial Results:**

Product	Total
ISCALure-Citrella	544
Competitor's Lure	320

In a competitive field test, ISCALure-Citrella caught significantly more citrus leafminers than the competitor's lure.

For more information about why ISCA's insect lures are superior, please visit the ISCA Lures web page at [www.iscotech.com](http://www.iscotech.com).

## IT203 ISCALURE-CITRELLA (PHEROMONE LURE FOR CITRUS LEAFMINER, *PHYLLOCNISTIS CITRELLA*)

<b>Quantity (# of lures)</b>	10 - 240	250 - 2499	2500 - 9999
<b>Unit Price (Class 16)</b>	\$4.41	\$3.15	\$2.84

- Nature identical, environmentally friendly, species specific pheromone loaded in controlled release rubber septum dispenser lure.
- For quantities of less than 250 lures, packaged in re-sealable air-tight moisture barrier bag, at 10 lures per bag.
- Field life: approximately 4 to 8 weeks depending on weather conditions.
- Shelf life: 2 years (or more) if properly stored.
- Storage information: store in air-tight bag and place in refrigerator; for longer shelf life of more than 2 years, store bag in freezer.
- Insect trap sold separately. Normally, 1 trap is used with 1 lure.
- Recommended insect trap: ISCA Delta Trap (white)



## AR905 PLASTIC DELTA TRAP

<b>Packs of 10</b>	1 - 24	25 - 249	250 - 2499
<b>Price per pack of 10</b>	\$39.50	\$35.55	\$32.00

Plastic delta traps are sturdy, corrugated, rain and UV proof plastic traps. Trap set comprises of 1 reusable trap with hanger and 2 disposable sticky liners. When deployed, sticky liner is internal and therefore protected from rain, UV and dust. Low cost replacement sticky liner is available.

Packaging: Sold in packages of 10 traps per package.  
Available in white, yellow, and red color.  
Dimensions: 28 x 20 x 15 cm (11 x 8 x 6 in).



## AR905L PLASTIC DELTA TRAP - REPLACEMENT STICKY LINERS

<b>Packs of 10</b>	1 - 24	25 - 249	250 - 2499
<b>Price per pack of 10</b>	\$9.50	\$8.55	\$7.70

Replacement sticky liners for AR905 Plastic Delta Traps.



## AR907 PAPER DELTA TRAP

<b>Packs of 10</b>	1 - 24	25 - 249	250 - 2499
<b>Price per pack of 10</b>	\$19.50	\$17.60	\$15.80

Paper delta traps are low cost, easy to use, rain and UV proof and readily assembled, allowing for rapid deployment and a quick tally of the insect population estimates. When deployed, glue is internal and therefore protected from rain, UV and dust.

Packaging: Sold in packages of 10 traps per package.  
Available in white, yellow and red color.



## ORDER PLACEMENT, PAYMENT AND DELIVERY INFORMATION

- Normal sales tax applies for sales within California.
- Prices are FOB Riverside, California, shipping fees apply. Delivery cost will be shown in invoice or you may request an estimate. Order is delivered within 14 days after receipt of payment. Please inform us of any special request for delivery, extra charges may apply e.g. for rush deliveries.
- ISCA Technologies' standard terms and conditions of sale apply, which can be viewed at <http://www.iscatech.com/exec/sales.htm>, or you may request that a copy be e-mailed or faxed to you.
- To place your order, please send us your purchase order, or you may place your order online at: [www.iscatech.com/ecommerce/](http://www.iscatech.com/ecommerce/)
- Payment terms : payment in advance.
- Payment options : credit card, check, or wire transfer.
- Typographical errors subject to correction.
- Revised 10/7/2011