

# SPLAT LBAM™

## Mating Disruption for the Light Brown Apple Moth *Epiphyas postvittana*

ISCA Technologies is proud to introduce its Specialized Pheromone & Lure Application Technology (SPLAT) for the management of the light brown apple moth *Epiphyas postvittana*. SPLAT LBAM is an environmentally friendly mating disruption product that provides sustained and controlled release of the light brown apple moth pheromone. Independent field studies have shown SPLAT LBAM to be as or more effective than leading mating disruption products. For most orchards, one application of SPLAT LBAM has been demonstrated to provide mating disruption protection for the whole season. SPLAT LBAM is an outstanding alternative to standard pesticide treatments, where moths are found to develop resistance to insecticides. Additionally, SPLAT products are less expensive to apply than other conventional pheromone dispensers since application is less labor intensive; mechanical applications include the use of: tractors, metered backpack sprayers, caulking guns, metered dosing guns, paintball guns, aircrafts, etc. (see photos).



SPLAT dollop applied on the branch of a peach tree

## SPLAT Methods of Application



Dosing Gun



Caulking Gun



Metered Sprayer



Paintball Gun



Tractor



Aircraft

...and more



Light brown apple moth trap and lure  
available for sale

LBAM lure: IT157 Iscalure-Postvittana  
Trap: AR907 Paper Delta Trap

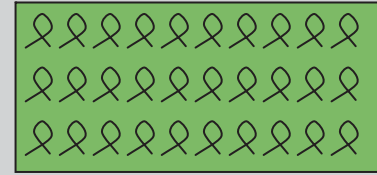
Distributors welcome

## SPLAT vs. Traditional Pheromone Dispensers

ISCA's proprietary SPLAT formulation offers many advantages over traditional dispensing technologies:

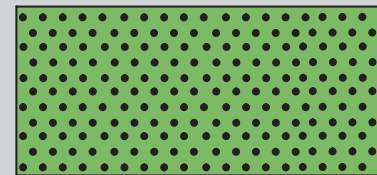
- Multiple methods of application:**  
 Having a wide range of viscosities and application (e.g. applicator sprays, aerial applicator sprays, caulking gun type tubes, etc.), SPLAT increases productivity by mechanizing the application of pheromone dispensing points.
- Easy Application for Small-scale and Large-scale Operations:**  
 The amorphous and flowable quality of this highly adaptable product allows for an easy transition from small-scale manual applications to large-scale mechanical applications.
- Adjustable Strategies Same Amount of AI:**  
 A fixed quantity of this material can be applied differently depending on the pest population pressure. The application of this matrix can be tailored by the user to best match the pest distribution and density in the field.  
 Using a fixed amount of SPLAT per area, one can choose:
  - A high density of small point-sources (**Figure 1b**), thus maximizing the mating disruption effect (recommended for high pest pressure).
  - A low density of larger point-sources (**Figure 1c**), thus increasing the longevity of the application (recommended for lower pest population pressure).
- Rain Fast, Biologically Inert and Bio-degradable Formulation:**  
 SPLAT is a biologically inert and bio-degradable matrix. Once cured, SPLAT will not wash off of vegetation while providing rain and UV protection for the pheromone and/or the pesticide.
- Season-long Protection and More:**  
 SPLAT can remain effective in managing pest populations for up to a six months.
- Mixes with Kairomones and Feeding Stimulants:**  
 SPLAT can be mixed with a variety of feeding stimulants or attractants including liquids, solids and oils to enhance attraction or stimulate feeding. It is also possible to develop formulations to target more than one pest with the SPLAT formulation mix of desired pheromones and/or pesticides.
- SPLAT Ingredients are safe:**  
 An independent science review has stated that SPLAT inert ingredients "are cleared for food use."

### Traditional Pheromone Dispensers

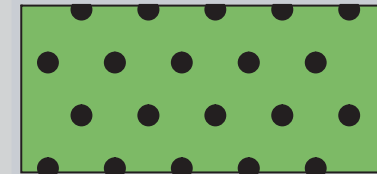


**Figure 1a:** For traditional dispensers, changes in the number of dispensers, changes amount of AI per acre.

### SPLAT Pheromone Dispensers



**Figure 1b:** For high pest pressure, number of applied dispensers can be increased while size of each dispenser is decreased; AI per acre remains unchanged.



**Figure 1c:** For low pest pressure, number of applied dispensers can be decreased while size of each dispenser is increased; AI per acre remains unchanged.

*Unlike traditional dispensers (1a), the number of SPLAT point sources can be tailored according to the pest density without changing the amount of AI per acre. For high pest densities, the use of many small point sources (1b) are more effective; for low pest densities, the use of fewer large point sources (1c) will provide adequate protection while providing protection for the entire season.*

**ISCA proprietary information. For internal use only, not for public use.**

### Order Placement, Packaging, Payment and Delivery Information

- \$14.95 handling charge applies for total orders of less than \$500.
- Prices are FOB Riverside, California. Actual delivery cost will be shown in invoice or you may request for an estimate.
- ISCA Technologies' standard terms and conditions of sale apply, which can be viewed at [www.iscotech.com](http://www.iscotech.com), 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 use ISCA's order form at: <http://www.iscotech.com/exec/orders.htm>.
- Payment options: credit card (Visa, Mastercard, American Express, Discover), check, or wire transfer. Please provide information about payment option in your purchase order or in the ISCA order form.
- Payment terms : Payment in advance.
- Prices do not include sales tax of 7.75%, applicable for California customers.

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