

# SPLAT

## Cydia<sup>TM</sup>

For Mating Disruption of the  
Codling Moth (*Cydia pomonella*) and  
Hickory Shuckworm (*Cydia caryana*)

**SPLAT (Specialized Pheromone and Lure Application Technology) is an amorphous polymer matrix for the sustained passive release of insect pheromones. SPLAT Cydia provides control of the codling moth by disrupting mating behavior.**

# ISCA

### ACTIVE INGREDIENT:

**Codling Moth Technical Pheromone**

(E,E)-8,10-Dodecadien-1-ol ..... **10.0%**

**OTHER INGREDIENTS**..... **90.0%**

**TOTAL**..... **100.0%**

Net Contents: \_\_\_\_\_ Lbs \_\_\_\_\_ Kg

EPA Reg. No. 80286-3

Batch Number: \_\_\_\_\_

EPA Est. No. 80286-CA-004

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### FIRST AID STATEMENT

#### IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call poison control center or doctor for treatment advice.

#### IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call poison control center or doctor for treatment advice.

#### IF SWALLOWED:

- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**Hotline Number:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

FOR MEDICAL EMERGENCY INFORMATION CALL 1-800-222-1222.

**See side/back panel for additional precautionary statements**

### PRECAUTIONARY STATEMENTS

**HAZARD TO HUMANS AND DOMESTIC ANIMALS: CAUTION.** Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing before reuse. Wear chemical resistant gloves and protective eyewear.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Applicators and handlers must wear long-sleeved shirt and long pants, socks, shoes, chemical resistant gloves, and protective eyewear. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENVIRONMENTAL HAZARDS:** For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

### USER SAFETY RECOMMENDATIONS

Users should wash hands thoroughly with soap and water after handling, before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then shower cleaning skin thoroughly with soap and water and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves with soap and water before removing. Remove and wash contaminated clothing before reuse. As soon as possible, wash thoroughly and change into clean clothing.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State and Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS:** Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment, restricted entry interval, and notification to workers (as applicable). The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI), which for this product is 4 hours. For early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear: coveralls, chemically resistant gloves, shoes plus socks, and protective eyewear.

<b>GENERAL</b>	SPLAT <i>Cydia</i> is an insect pheromone used to control many species of the genus <i>Cydia</i> principally the codling moth, ( <i>Cydia pomonella</i> ) by disrupting adult moth mating and thus reducing larval damage to crops.
<b>CROPS</b>	It is for use on pome fruit, walnut, quince, apple, pear, crabapple and cherry and the hickory shuckworm ( <i>Cydia caryana</i> ) on pecans.
<b>TARGET PEST(S)</b>	Codling moth ( <i>Cydia pomonella</i> ), hickory shuckworm ( <i>Cydia caryana</i> )
<b>TIMING</b>	Apply prior to moth emergence in the spring. Consult your own pest control advisor, distributor or ISCA Technologies to obtain correct timing for application.
<b>PLACEMENT</b>	Apply <b>SPLAT <i>Cydia</i></b> dollops to the upper portions of the canopy.
<b>RATE</b>	The application rate of <b>SPLAT <i>Cydia</i></b> is 750 grams upwards to 1,500 grams of undiluted product per acre. This is equivalent to 75 to 150 grams of pheromone active ingredient (AI) per acre. Never exceed more than 150 grams of active ingredient per acre per year.
<b>DOLLOPS: SIZE, NO. PER ACRE AND SPACING</b>	Drop or dollop size can be varied (large or small) depending on pest population, amount of pheromone applied and duration of control required. Better control is achieved in high pest infestations with higher number of smaller dollops which emit more pheromone in a shorter time than fewer large dollops. Larger dollops are longer lasting making this useful where long-term suppression of moderate to low density <i>Cydia</i> populations is required. High pest populations may require two applications, the first with a higher number of smaller point sources (dollops) and second a month later with fewer larger dollops for more persistent control. Dollop size can vary depending on number of pheromone point sources required. To apply 1 Kg of SPLAT as 400 point sources per acre distribute 2.5 gram dollops uniformly throughout field. To apply 1 Kg as 1,000 point sources, distribute 1 gram dollops uniformly throughout field. Use a small spatula, putty knife, or household type measuring spoon to manually apply SPLAT <i>Cydia</i> directly out of its container without diluting it. The same size dollop or same amount of product should be applied to each tree. If measuring spoons are emptied, one tablespoon contains 14 grams of product; one teaspoon contains 4.6 grams of product; ½ teaspoon contains 2.3 grams of product; ¼ teaspoon contains 1.15 grams of product.

<b>MINIMUM ACREAGE</b>	Use of the mating disruption strategy for areas less than ten acres is not recommended.
<b>EXTERNAL FACTORS</b>	SPLAT mating disruption formulations are used to disrupt the mating cycle of target pest(s). The efficacy of any mating disruptant will be reduced by the influx of mated females from surrounding areas. It is for this reason the mating disruption strategy works best with large acreages where the ratio of exposed borders to overall area treated is relatively small (the mating disruption strategy should be used on areas greater than ten acres). It is recommended that borders be fortified with either 20% more <b>SPLAT <i>Cydia</i></b> or the periodic reapplication of product along the borders especially around suspected moth entry points.
<b>APPLICATION METHOD</b>	<b>SPLAT <i>Cydia</i></b> can be applied manually with items such as a thin spatula, small caulking gun style dosing gun, pressurized backpack sprayer, or mechanically with a tractor, all terrain vehicle (ATV) truck, aircraft or appropriate mechanical device.
<b>MECHANICAL APPLICATION</b>	All these application methods typically involve the use of a hopper, pump (positive displacement or diaphragm type) boom and output nozzles. For mechanical ground applications, the flow from each nozzle is controlled by a standard agricultural on-off solenoid valve positioned at each nozzle. These solenoids are regulated both by a timer and a simple on-off over ride switch. The timer is adjusted to open and close the solenoid valve at a rate that is related to the speed of the application equipment; the faster the applicator, the shorter the valve closed time. When using mechanical application equipment, calibrate the system to deliver 750 grams of material per acre. For unusual situations, always consult your dealer, distributor or ISCA Technologies to ensure correct and optimum application of product is achieved. Purpose built applicators will be available to apply product.
<b>MONITORING</b>	Monitor the target pest(s) with pheromone-baited traps, such as the Iscalure pheromone lure and ISCA delta trap monitoring system. Place monitoring traps in the orchard before applying <b>SPLAT <i>Cydia</i></b> to determine the infestation level. Continue monitoring throughout the season to evaluate efficacy and longevity of the application. Monitor treated plots for both the target pest(s) and secondary pest(s) such as leafrollers. Supplementary control measures are advised if the pest population densities are above threshold levels.
<b>WEATHER FACTORS</b>	Apply <b>SPLAT <i>Cydia</i></b> when the ambient air temperature is above 55°F and below 95°F. SPLAT dollops typically cure within 2-3 hours following application, after which point it will become rainfast and UV resistant. Do not apply if rain is expected within 1-2 hours of application or the temperature is outside these ranges.
<b>AREAWIDE APPLICATION</b>	As described above, areawide application of SPLAT mating disruption products is the most effective strategy. Monitor for pests on a regular basis so that timely intervention with insecticides or alternative controls is possible.
<b>CLEANING EQUIPMENT</b>	Clean equipment with water and household-type detergent.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

<b>STORAGE</b>	Store in a cool well-ventilated area. Store sealed and refrigerated to prevent loss of product.
<b>PESTICIDE DISPOSAL</b>	Wastes resulting from the use of this product may be disposed of on site or at an approved waste facility.
<b>CONTAINER DISPOSAL</b>	Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### WARRANTY AND LIMITATION OF DAMAGES

All statements concerning the use of this product apply only when used as directed. ISCA Technologies warrants that this material conforms to the specifications on the label and is reasonably fit for the intended purpose referred to on the label. To the extent consistent with applicable law, ISCA Technologies makes no other express or implied warranty. Read all directions carefully.



TECHNOLOGIES  
Pest Management Tools & Solutions

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