

# SPLAT

## EC<sup>TM</sup>

For Mating Disruption of  
*Ectomyelois ceratoniae*  
(Carob Moth)

*SPLAT is a matrix for the sustained passive release of insect pheromones. SPLAT EC provides control of the carob moth by disrupting mating behavior.*



For Organic Production

# ISCA

**ACTIVE INGREDIENT:**

**Carob Moth Pheromone Mimic**  
(Z,E)-7,9,11-Dodecatrienyl formate: **2.00%**

**OTHER INGREDIENTS:**

**TOTAL:** **98.00%**  
**100.00%**

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

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

EPA Reg. No. 80286-XX

EPA Est. No. 80286-CA-004

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

Non-flammable liquid

| PRECAUTIONARY STATEMENTS   |  |
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| <b>HAZARDS TO HUMANS AND DOMESTIC ANIMALS:</b> Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.   |  |
| <b>HANDLER PERSONAL PROTECTIVE EQUIPMENT (PPE):</b> Long-sleeved shirt and long pants, socks, shoes, waterproof gloves.  |  |
| <b>USER SAFETY RECOMMENDATIONS:</b> Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.  |  |
| <b>ENVIRONMENTAL HAZARDS:</b> 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. If applying aerially, spray valves must be shut off when passing over surface water not under the tree canopy. Do not contaminate water when disposing of equipment washwaters or rinsate.  |  |
| DIRECTIONS FOR USE   |  |
| <b>GENERAL CLASSIFICATION.</b> 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 directly contact workers or other persons. Only protected handlers may be in the area during application. For any requirement specific to your State and Tribe, consult the State/Tribal agency responsible for pesticide regulation.   |  |
| <b>AGRICULTURAL USE REQUIREMENTS:</b> 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 (PPE), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.<br>Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours. PPE required for early entry to 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), is: long-sleeved shirt and long pants, waterproof gloves, socks, and shoes. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas. |  |
| GENERAL INSTRUCTIONS   |  |
| <b>MODE OF ACTION</b>  | <i>SPLAT EC</i> promotes mating disruption by using a mimic of the carob moth pheromone applied as many point sources ( <i>SPLAT</i> dollops or droplets) in the field to disrupt adult moth mating. This results in reduced pest population reproduction and decreased larval damage to crops.  |
| <b>TARGET PEST AND SITES</b>   | <i>SPLAT EC</i> is for use on all crops and non-crop areas where the carob moth is detected.   |
| <b>AREA-WIDE CONTROL AND IPM</b>   | The mating disruption strategy for pest control works best with large acreages where the ratio of exposed borders to overall area treated is relatively small and in area-wide control programs. Monitor for pests on a regular basis so that timely intervention with another application of <i>SPLAT EC</i> , insecticides or other control measures are possible. Fortifying control area borders with either 20% more <i>SPLAT EC</i> or the periodic reapplication of product along exposed the borders especially around suspected moth entry points will minimize the influx of mated females from surrounding areas. |
| <b>MONITORING</b>  | Monitor the target pest(s) with pheromone-baited traps, such as the ISCALure <sup>®</sup> Ceratoniae pheromone lure and ISCA delta trap monitoring system. Place monitoring traps in the treated area before applying <i>SPLAT EC</i> to determine the infestation level. Continue monitoring throughout the season to evaluate efficacy and longevity of the application. Supplementary control measures are advised if the pest population densities are above threshold levels.   |
| <b>TIMING AND FREQUENCY</b>  | Apply <i>SPLAT EC</i> early in the season, prior to and at the first sign of male flight. Reapply as needed based on monitoring. Consult a qualified pest control advisor or ISCA Technologies to obtain correct timing for application.   |

| <b>FORMULATION AND PREPARATION FOR USE</b>  | <i>SPLAT EC</i> is a ready-to-use thick liquid formulation. Check product 24 hours before using. If product has been stored in a refrigerated area and has hardened, allow at least 48 hours at room temperature to achieve a workable consistency. Always mix product thoroughly before use. A drill with paint mixing paddle or similar device works best. Do not mix mechanically with sharp blades which come into contact with the plastic container. This can introduce shards of plastic into the mixture, which might interfere with product flowability and application.  |
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| <b>APPLICATION METHOD</b>   | <i>SPLAT EC</i> is applied manually or mechanically to generate many point sources in the field. Application is made manually with thin spatulas or small caulking gun-style dosing guns, or mechanically using pressurized backpack sprayers, or similar systems loaded onto tractors, all-terrain vehicles, trucks, or aircraft. When using mechanical application equipment, calibrate the system to deliver the intended amount of material per acre as determined in the APPLICATION RATE box. Always consult a qualified pest control advisor or ISCA Technologies to ensure optimum application of product is achieved.   |
| <b>PLACEMENT</b>  | Apply <i>SPLAT EC</i> point sources on tree trunks at the upper level of plant foliage or tree canopy.   |
| <b>APPLICATION RATE</b>   | The application rate of <i>SPLAT EC</i> is 50 grams to 900 grams of undiluted product per acre. This is equivalent to 1-18 grams of pheromone active ingredient (AI) per acre. Do not exceed more than 150 grams of active ingredient (7500 grams of <i>SPLAT EC</i> ) per acre per year. Consult a qualified pest control advisor or ISCA Technologies for the recommended rate of application as the application rate will vary depending on pest population and specific field conditions.  |
| <b>POINT SOURCE SIZE, NO. PER ACRE, AND SPACING</b>   | Point source ( <i>SPLAT</i> droplet or dollop) size can be varied depending on time frame and duration of control required. For the same volume of <i>SPLAT</i> applied, a higher number of small point sources will emit more pheromone in a shorter time interval than a lower number of large dollops. Many small dollops are useful for high pest pressure situations where immediate control is desired. Fewer large dollops have a greater volume/reservoir, which increases its field life making it useful where long-term suppression of populations is required. Consult a qualified pest control advisor or ISCA Technologies to determine dollop size and spacing for particular field situations. |
| <b>USE RESTRICTIONS:</b> Do not exceed more than 150 grams of active ingredient (7500 grams of <i>SPLAT EC</i> ) per acre per year. Do not apply this product through any type of irrigation system. Do not apply <i>SPLAT EC</i> when the ambient temperature is below 55°F or above 95°F. Do not apply if rain is expected within 2-3 hours of application. |  |
| STORAGE AND DISPOSAL  |  |
| <b><i>Do not contaminate water, food or feed by storage and disposal.</i></b>   |  |
| <b>CLEANING EQUIPMENT</b>   | Clean equipment with water and citrus or limonene detergents.  |
| <b>PESTICIDE STORAGE</b>  | Store product in sealed containers. Refrigeration will prolong the life of the product. If refrigeration is not available, store product in a cool dry place, out of direct sunlight. Do not exceed 75° F for long-term storage. Avoid freezing. In case of leak or spill, wipe with paper towel and dispose of waste when product hardens.  |
| <b>PESTICIDE DISPOSAL</b>   | To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).  |
| <b>CONTAINER DISPOSAL</b>   | Non-refillable container. Scrape any remaining product out of the container with a spatula. Do not refill or reuse this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances.  |
| WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY  |  |

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ISCA Technologies. All such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ISCA Technologies makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of ISCA Technologies is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ISCA Technologies disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at ISCA Technologies' election, the replacement of product.

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