

# SPLAT

## EC-O<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-O 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:**

**98.00%**

**TOTAL:**

**100.00%**

Non-flammable liquid

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

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

EPA Reg. No. 80286-18

EPA Est. No. 80286-CA-004

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FIRST AID**

**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:**

- Take off contaminated clothing.
- Wash skin immediately with soap and water, then rinse with plenty of water for 15-20 minutes.
- Call a 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 to an unconscious person.

**HOTLINE NUMBER**

- Have the product container or label with you when calling a poison control center, doctor or going for treatment.
- For emergency information concerning this product, call the National Pesticide Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific Time, seven days a week. During other times, call the poison control center 1-800-222-1222.

PRECAUTIONARY STATEMENTS	
<b>HAZARDS TO HUMANS AND DOMESTIC ANIMALS:</b> CAUTION: Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Remove and wash contaminated clothing before reuse. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.	
<b>HANDLER PERSONAL PROTECTIVE EQUIPMENT (PPE):</b> Applicators and handlers must wear long-sleeved shirts and long pants, socks, shoes and waterproof gloves. Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions are available for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.	
<b>USER SAFETY RECOMMENDATIONS:</b> Users should remove clothing and PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing and 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. Do not contaminate water when disposing of equipment washwater or rinsate.	
DIRECTIONS FOR USE	
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Follow the instructions in the appropriate box below for Agricultural and Non-Agricultural uses.	
<b>AGRICULTURAL USE REQUIREMENTS:</b> The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard. 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. 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 or Tribe, consult the State or Tribal agency responsible for pesticide regulation. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 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, socks, shoes and waterproof gloves. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.	
<b>NON-AGRICULTURAL USE REQUIREMENTS:</b> The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS only applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep children and pets out of treated areas until sprays or other wet applications have dried.	
GENERAL INSTRUCTIONS	
<b>MODE OF ACTION</b>	<i>SPLAT EC-O</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-O</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-O</i> , insecticides or other control measures is possible. Fortifying control area borders with either 20% more <i>SPLAT EC-O</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 &amp; TIMING OF APPLICATION</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-O</i> to determine the infestation level. Continue monitoring throughout the season to evaluate efficacy and longevity of the application. Consult a qualified pest control advisor or ISCA Technologies to obtain correct timing for application. Supplementary control measures are advised if the pest population densities are above threshold levels.

<b>FORMULATION AND PREPARATION FOR USE</b>	<i>SPLAT EC-O</i> is a ready-to-use thick liquid formulation. If product has been stored in a refrigerated area and has hardened, allow 24 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 that can contact the plastic container. This can introduce shards of plastic into the mixture, which can interfere with product flowability and application. At high application temperatures (above 95°F), keep <i>SPLAT EC-O</i> cool (60 - 75°F) until application.
<b>APPLICATION METHOD</b>	<i>SPLAT EC-O</i> is applied as individual dollops (diameter: ½ to 1 inch) to generate many point sources in the field. Application is made with a flat spatula, caulking gun, dosing gun or similar tool. Always consult a qualified pest control advisor or ISCA Technologies to ensure optimum application of product is achieved.
<b>PLACEMENT</b>	<b>CROPS TRAINED TO A SINGLE-MAIN TRUNK</b> – Apply <i>SPLAT EC-O</i> dollops directly onto the tree trunk or at the juncture of the main scaffold limbs and the main trunk, away from fruit and at the height recommended by a pest control advisor or ISCA Technologies. <b>CROPS TRAINED AS A BUSH OR MULTIPLE STEMMED TRUNK</b> - Apply <i>SPLAT EC-O</i> dollops onto the base of the trunk (if accessible), lower non-fruiting branches and adjacent soil surface, away from fruit and at the height recommended by a pest control advisor or ISCA Technologies. <b>NON-CROP AREAS</b> (such as storage areas). Apply to walls, poles, other structures, or soil. Apply dollops in visible locations that allow for easy retrieval.
<b>APPLICATION RATE</b>	The application rate of <i>SPLAT EC-O</i> is 100 grams to 1000 grams of undiluted product per acre. This is equivalent to 2-20 grams of active ingredient per acre. Consult a qualified pest control advisor or ISCA Technologies for the rate of application, as it will vary depending on pest population, crop, and field conditions.
<b>USE RESTRICTIONS:</b> Do not exceed 150 grams of active ingredient (7500 grams of <i>SPLAT EC-O</i> ) per acre per year. Do not apply this product through any type of irrigation system. Do not apply <i>SPLAT EC-O</i> when the ambient temperature is below 55°F. It is best to apply <i>SPLAT EC-O</i> when the ambient temperature is below 95°F. Do not apply if rain is expected within 3 hours of application.	
STORAGE AND DISPOSAL	
<b>Do not contaminate water, food or feed by storage and disposal.</b>	
<b>CLEANING EQUIPMENT</b>	Clean equipment with water and citrus or limonene-based detergents.
<b>PESTICIDE STORAGE</b>	Store product in sealed containers. <i>SPLAT EC-O</i> should be kept refrigerated (39 - 46 °F). Do not freeze. 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. In case of leak or spill, wipe with paper towel and dispose of waste when product hardens.
<b>PESTICIDE DISPOSAL</b>	To avoid waste, use all material in this container by application according to label directions. If waste 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. Do not refill or reuse this container. Scrape any remaining product out of the container with a spatula or other appropriate tool. Offer container 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	
<b>IMPORTANT: READ BEFORE USE.</b> 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. <b>CONDITIONS:</b> 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 from 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. <b>DISCLAIMER OF WARRANTIES:</b> 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. <b>LIMITATIONS OF LIABILITY:</b> 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.	