

# Off-Shoot-T<sup>®</sup>

PEEL HERE  
TO OPEN 

## sucker control

Tobacco Sucker Control Agent  
High Active Formula

ACTIVE INGREDIENTS:	(% by weight)
octanol (C <sub>8</sub> ) . . . . .	36.2%*
decanol (C <sub>10</sub> ) . . . . .	48.2%*
related compounds (dodecanol – C <sub>12</sub> ) . . . . .	00.3%*
<b>OTHER INGREDIENTS:</b> . . . . .	15.3%
<b>TOTAL:</b> . . . . .	100.0%

\*Contains 2.57 lb. octanol, 3.43 lb. decanol and 0.02 lb. dodecanol per gallon

\*Contains 308 grams octanol, 411 grams decanol and 3 grams dodecanol per liter

### KEEP OUT OF REACH OF CHILDREN DANGER / PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand this label, find someone to explain it to you in detail.)

See inside booklet for additional Precautionary Statements, and Directions for Use

For Product Use Information Call 1-866-761-9397

EPA REG. NO. 400-542  
EPA Est. No. 037429-GA-002  
005/080113a  
521015-A

Manufactured for:  
**MACDERMID AGRICULTURAL SOLUTIONS, INC**  
245 Freight Street  
Waterbury, CT 06702-1818

FIRST AID	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>IF ON SKIN OR ON CLOTHING:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</b>	
<b>EMERGENCY ASSISTANCE:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. <b>24-HOUR EMERGENCY PHONE: 1-866-928-0789 or +1-215-207-0061</b>	

**NET CONTENTS: 2 GALLONS**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER: Corrosive. Causes irreversible eye damage.** Do not get in eyes or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, neoprene rubber, polyvinyl chloride or viton. If you want more options, follow the instructions for Category C on an EPA chemical-resistance category selection chart.

**Mixers, Loaders, Applicators and Other Handlers Must Wear:** long-sleeved shirt and long pants; shoes plus socks; and goggles or face shield. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

**ENVIRONMENTAL HAZARDS**

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 wash water or rinsate.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all label directions carefully before use.

Do not apply this product through any type of irrigation system. 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 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 (PPE) and restricted-entry interval. The requirements in this box only 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) of 24 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: coveralls; chemical resistant gloves made of any waterproof material; shoes plus socks; protective eyewear.

OFF-SHOOT-™ is a carefully balanced combination of fatty alcohols and wetting agents used for the contact control of sucker growth on Burley, Flue-Cured, Dark, Maryland and Cigar tobacco. The concentrated product is diluted with water to form a creamy emulsion which is applied as a coarse spray. The emulsion is effective only when it comes in direct contact with the suckers; therefore, the material is applied so that maximum contact is made with the suckers.

## DIRECTIONS FOR APPLICATION WHEN TO APPLY

OFF-SHOOT-T can be applied either before or after topping. Best results are usually obtained by spraying the tobacco with OFF-SHOOT-T before topping in the early to late button stage and then topping the tobacco within a few days, removing any suckers that were missed. If you top the tobacco plants before spraying, remove any suckers over one inch in length as you top and apply OFF-SHOOT-T immediately after topping. Because OFF-SHOOT-T is a contact type agent, it is necessary to straighten any plants that are leaning so that the emulsion flows down the stalk evenly and contacts each sucker.

OFF-SHOOT-T can be applied any time during the day. For best results, we recommend that you wait until the dew dries before spraying. Do not apply during the rain or when plants are wet. If, however, it rains after OFF-SHOOT-T has been on the plants for over an hour, you should not have to apply OFF-SHOOT-T again. Do not spray after the leaves begin to close in the evening. Because the underside of leaves may be injured by contact with OFF-SHOOT-T, do not apply when the wind is high enough to turn top leaves over.

## HOW MUCH TO APPLY

**Flue-Cured:** For Power Sprayer - use 1.5 to 2.5 gallons in 50 gallons of water. For Hand Sprayer - use 4 to 5 fluid ounces per gallon of water.

**Burley:** For Power Sprayer - use 1.75 to 2 gallons in 50 gallons of water. For Hand Sprayer - use 4 to 5 fluid ounces per gallon of water.

**Dark:** Use 6 to 8 fluid ounces per gallon of water to apply with hand sprayer.

**Cigar:** Use 4 to 5 fluid ounces per gallon of water to apply with hand sprayer.

**Maryland:** Use 4 to 4.5 fluid ounces per gallon of water to apply with hand sprayer.

When applied by hand, 1 gallon of diluted OFF-SHOOT-T will treat approximately 190 plants. If a power sprayer is used, 40 to 60 gallons of diluted product should be applied per acre of tobacco.

## HOW TO APPLY

Prepare the diluted emulsion by adding the required amount of OFF-SHOOT-T to your spray tank and then adding the water. For the best results, it is important to add the water to the OFF-SHOOT-T, rather than OFF-SHOOT-T to the water.

**If you use a hand-held or back-pack sprayer,** the diluted emulsion must be applied at a rate of 2/3 to 1 fluid ounce per plant (or enough to assure run down to the bottom of the plant). A coarse spray is recommended, directed downward at the top of the stalk from 6 to 8 inches above the top leaves. Very little tank pressure is required, and in no case use more than 20 pounds per square inch (psi).

**When applied with power equipment,** use three nozzles per row. TG-3 full-cone tips, or equivalent, may be used. Alternatively the center TG-3 nozzle may be replaced with a TG-5 full-cone nozzle, which provides more spray solution down the stalk. One nozzle must be directed downward over the center of the row and one must be about 9 inches on either side directly at or slightly above the top of the stalk. Apply the diluted OFF-SHOOT-T to the tobacco as a coarse spray 12 to 16 inches above the top of the stalk. Keep the boom pressure at 20 to 25 psi, and never exceed 25 psi. If you use the spray tips such as described above, spray at approximately 20 psi pressure, and operate at ground speed of 2.5 to 3 mph, you will apply approximately 50 gallons of diluted emulsion per acre of tobacco.

## HOW OFTEN TO APPLY

In many cases a single application of OFF-SHOOT-T is satisfactory to control both primary and secondary suckers. On uneven tobacco or if secondary sucker growth appears vigorous, 2nd and 3rd applications 3 to 5 days apart may be advantageous. It is often best to use a 5% concentration (2.5 gallons in 50 gallons of water) for the second and third applications.

To help avoid using more than the recommended amount of maleic hydrazide (MH), a 5% application of OFF-SHOOT-T can also be made 3 to 4 weeks after applying MH. This application should be made when suckers are less than one inch in length, or suckers longer than one inch should be removed by hand.

Some growers of Burley, Flue-Cured, and Dark tobacco may favor a sequential treatment using OFF-SHOOT-T (not for the early button stage) followed 1-2 weeks later with Royal MH-30® (or other MH systemic sucker control agent) used in accordance with manufacturer's instructions. If a sequential treatment is used on Burley or Flue-Cured tobacco, application of 1.5 to 2 gallons of OFF-SHOOT-T in 50 gallons of water is adequate. If a sequential treatment is used on Dark tobacco, OFF-SHOOT-T should be used at 6 to 9 fluid ounces per gallon of water if applied by hand sprayer.

## APPLICATION NOTES

If allowed to stand for more than 30 minutes, the diluted emulsion may separate. Always mix well before use.

**DO NOT MIX OFF-SHOOT-T WITH OTHER CHEMICALS SUCH AS INSECTICIDES OR DEFOAMERS.** Do not apply to tobacco plants that have recently been treated with other chemicals (except Royal MH-30 or other MH systemic sucker control agent). Be sure that all spray equipment is clean before using.

In Burley tobacco, during long periods of high heat and humidity, and under other conditions that may favor the spread of hollow stalk or dry rot disease, delay application of OFF-SHOOT-T until these conditions pass.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container only. After partial use, replace lid and close tightly. Store in a secure place that is temperate, dry and out of direct sunlight.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or in an approved waste disposal facility.

**EQUIPMENT CLEANING:** This product is not corrosive to spray equipment. Following applications, all spray equipment should be thoroughly rinsed with water. Do not contaminate water when disposing of equipment washwater or rinsate.

### CONTAINER HANDLING:

#### Nonrefillable Container

**Plastic Containers:** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer container for recycling if available, reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Triple rinse** as follows: *For containers small enough to shake:* Empty the remaining contents into application or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Recycling:** Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact the Ag Container Recycling Council (ACRC) at 1-877-952-2272 (toll free) or [www.acrecycle.org](http://www.acrecycle.org).

**IMPORTANT NOTICE** - To the extent permitted by applicable law, the seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, **but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressor implied, extends to the use for this product, contrary to label instructions, or under conditions not reasonably foreseeable to seller, and, to the extent consistent with applicable law, the buyer assumes the risk of any such use.**

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sucker control

Contact Sucker Control Agent  
High Active Formula

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