

5549-79

5/2/2011

1 of 7



**U.S. ENVIRONMENTAL PROTECTION AGENCY**

Office of Pesticide Programs  
Registration Division (7504P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:  
**5549-79**

Date of Issuance:  
**MAY 02 2011**

**NOTICE OF PESTICIDE:**

XX Registration  
XX Reregistration  
(under FIFRA, as amended)

Terms of Issuance:  
**Unconditional**

Name of Pesticide Product:  
**Ten-Tac**

Attention: Luann Shoemaker  
Coastal AgroBusiness, Inc.  
c/o Compliance Services International  
P.O. Box 856  
Greenville, North Carolina 27835

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

EPA received a label amendment request submitted by email on April 29, 2011. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for **Aliphatic Alcohols** have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

If you have any questions or comments regarding this letter, please contact Heather Garvie at (703) 308-0034 or via e-mail at [garvie.heather@epa.gov](mailto:garvie.heather@epa.gov).

Signature of Approving Official:

Tony Kish  
Product Manager (Team 22)  
Fungicide Branch  
Registration Division

Date:

**MAY 02 2011**

2007



ACTIVE INGREDIENT	
n-DECANOL (Fatty Alcohol C <sub>10</sub> ) .....	79.0%
OTHER INGREDIENTS .....	21.0%
TOTAL .....	<u>100.0%</u>

Weight of Active Ingredients: 5.74 lbs. per gallon

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

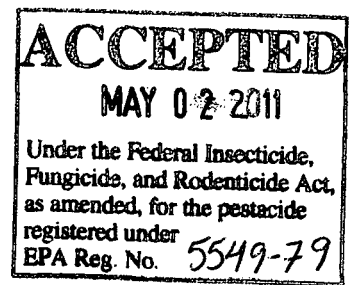
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
 (If you do not understand the label, find someone to explain it to you in detail.)  
 See Side Panel For Additional Precautionary Statements.

MANUFACTURED BY:  
**COASTAL AGROBUSINESS, INC.**  
 GREENVILLE, NORTH CAROLINA

EPA Reg. No. 5549-79

EPA Est. No. 5549-NC-14

NET CONTENTS: 5 GALLONS



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

**Caution:** Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

<b>FIRST AID</b>	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 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 on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment.</b></p>	

**PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride (PVC) or viton
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning, maintaining PPE. If no such instructions for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], 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 clothing/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 by cleaning of equipment or disposal of wastes. Do not apply this product through any type of irrigation system.

### 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 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, such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride (PVC) or viton
- Shoes plus socks
- Protective eyewear

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE INSTRUCTIONS:** Storage should be under lock and key in a ventilated room and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from heat or ignition source. Do not stack plastic containers over two pallets high. Move containers by handles or cases. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Avoid contamination with oxidizing materials. Store in original containers only. If the contents are leaking or material is spilled, follow these steps:

1. Contain spill, absorb with a material such as saw dust, clay granules or dirt.
2. Collect and place in a suitable container for disposal.
3. Wash area with water and soap to remove remaining product.
4. Follow washing with a clean water rinse.
5. Place leaking container(s) in plastic tub and transfer contents as soon as possible to an empty, original container.
6. Do not allow run off to enter sewer or contaminate water supplies.
7. Dispose of waste as indicated below.

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

#### 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, 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 with capacities equal to or less than 5 gallons: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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.

For containers with capacities greater than 5 gallons or 50 lbs.: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. 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).

**REFILLABLE CONTAINER**

Mini-Bulk Container Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

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**TEN-TAC** is carefully balanced combination of active ingredients and wetting agents to be used for the 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 then applied as a course spray. The emulsion is effective only when it comes in direct contact with suckers; therefore, the material is applied so that maximum contact is made with the suckers.

### WHEN TO APPLY

**TEN-TAC** can be applied before or after topping. Best results are usually obtained by spraying the tobacco with **TEN-TAC** before topping, in 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 **TEN-TAC** one or two days after topping. Because **TEN-TAC** is a contact type agent, it is necessary to straighten any plants that are leaning so that the emulsion flows down the stalk and evenly contacts each sucker.

**TEN-TAC** can be applied any time during the day. However, for best results it is recommended that you wait until the dew dries before spraying. Do not spray after the leaves begin to close in the evening. Because the underside of the leaves may be injured by contact with **TEN-TAC**, do not apply when the wind is high enough to turn top leaves over. Do not apply during rain or when plants are wet. If, however, it rains after **TEN-TAC** has been on the plants for over an hour, you should not have to apply **TEN-TAC** again. In Burley tobacco, during prolonged periods of high heat and humidity or under other conditions which might favor the spread of hollow stalk or stem rot diseases, delay application of **TEN-TAC** until these conditions pass.

### HOW MUCH TO APPLY

- FLUE-CURED:** For Power Sprayer - use 1 1/2 gallons in 48 1/2 gallons of water.  
For Hand Sprayer - use 3 3/4 ounces per gallon of water.
- BURLEY:** For Power Sprayer - use 2 gallons in 48 gallons of water.  
For Hand Sprayer - use 5 ounces per gallon of water.
- DARK:** Use 7 - 8 ounces per gallon of water to apply with hand sprayer.
- CIGAR:** Use 5 ounces per gallon of water to apply with hand sprayer.
- MARYLAND:** Use 5 ounces per gallon of water to apply with hand sprayer.

When applied by hand, 1 gallon of diluted **TEN-TAC** will treat approximately 130 - 190 plants. If a power sprayer is used, 40-60 gallons of diluted product must be applied per acre of tobacco.

### HOW TO APPLY

The diluted emulsion is most easily prepared by adding the required amount of **TEN-TAC** to your spray tank and then by adding the water. In order to obtain the best results, it is important that the water be added to the **TEN-TAC** rather than **TEN-TAC** 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 ounce per plant (or enough to insure run down to the bottom of the plant). Direct a downward course spray at the top of the stalk from 6-8 inches above the top leaves. Very little tank pressure is required, and in no case can more than about 20 pounds be used.

When applied with power equipment, three nozzles per row must be used (TG-3 full-cone tips, or equivalent is satisfactory). Replacing the center TG-3 nozzle with a TG-5 full-cone nozzle, which provides more spray solution down the stalk, is also recommended. One nozzle must be directed downward over the center of the row and one must be 9 inches on either side directed at or slightly above the top of the stalk. The diluted **TEN-TAC** must be applied to the tobacco as a course spray from a height of 12-16 inches above the stalk. Boom pressure can be kept at 20-25 lbs. and must never exceed 25 lbs. By using the recommended spray tips, spraying at approximately 20 lbs. of pressure, and operating at a tractor speed of 2 1/2 - 3 mph, you will apply approximately 50 gallons of diluted emulsion per acre of tobacco.

**NOTE:** If allowed to stand for extended periods of time, the diluted emulsion may separate. Always remember to mix well immediately prior to use.

Be sure that all spray equipment has been carefully rinsed out prior to using.

### HOW OFTEN TO APPLY

In many cases a single application of **TEN-TAC** is satisfactory to control both primary and secondary suckers. If secondary sucker growth appears vigorous, a second treatment 5-7 days after the initial treatment may be advantageous.

Some growers of Burley, Flue-Cured, and Dark tobacco may favor a dual treatment using **TEN-TAC** first (at the early button stage) followed 1-2 weeks later with a systemic sucker control agent (maleic hydrazide) used in accordance with manufacturer's instruction. If this dual treatment is used on Burley or Flue-Cured tobacco, an application rate of 1 1/2 gallons of **TEN-TAC** in 48 1/2 gallons of water is adequate. If this dual treatment is used on Dark tobacco, **TEN-TAC** can be used at the rate of 7-8 ounces per gallon of water to apply by hand sprayer.

## TANK MIX DIRECTIONS FOR FLUE-CURED TOBACCO

**TEN-TAK plus Check MH15:** Mix 1 1/2 gallons TEN-TAK and 1 1/2 gallons Check MH15 in 47 gallons of water for each acre. Maintain good agitation during mixing and while spraying.

**TEN-TAK plus CheckPoint 225:** Mix 1 1/2 gallons TEN-TAK and 1 gallon CheckPoint 225 in 47 1/2 gallons of water for each acre. Maintain good agitation during mixing and while spraying.

Use the tank mix of TEN-TAK and Check MH15 or TEN-TAK and CheckPoint 225 at the early flower stage. Top tobacco and remove suckers over 1 inch long. Direct spray mixture to the upper 1/3 of the plant and operate sprayer at low pressure, similar to that of a contact application. This will ensure that the droplets are large enough for some of the mixture to run down the stalk. This tank mix usually follows a contact sucker control application applied in the button stage. Use normal spray precautions such as you would while applying contact control materials.

### LATE SEASON APPLICATION

To avoid application of more than the labeled rate or Maleic Hydrazide and/or to avoid reapplying Maleic Hydrazide late in the season when initial sucker control starts to break down, apply TEN-TAC 3-4 weeks after Maleic Hydrazide application. This late application can be made when suckers are less than one inch in length or when suckers more than one inch in length have been removed by hand.

Late application of TEN-TAC involves the use of 5% TEN-TAC applied 3-4 weeks after MH application.

Flue-Cured:	For Power Sprayer	Use 2-1/2 gallons in 47-1/2 gallons of water.
	For Hand Sprayer	Use 7-8 ounces per gallon of water.

When applied by hand, 1 gallon of diluted TEN-TAC will treat approximately 130-190 plants. If a power sprayer is used, 40-60 gallons of diluted product must be applied per acre of tobacco.

In order for this late application treatment to be effective, TEN-TAC should be applied when suckers are less than one inch or when suckers longer than one inch have been removed by hand. Because TEN-TAC is a contact type agent, it is necessary to evenly apply the material so that maximum contact is made with the suckers.

### DISCLAIMER AND LIMITATION OF LIABILITY

#### IMPORTANT NOTICE FROM COASTAL AGROBUSINESS, INC. PLEASE 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 Coastal Agrobusiness, Inc. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Coastal Agrobusiness, Inc., 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 Coastal Agrobusiness, Inc., is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Coastal Agrobusiness, Inc., 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 Coastal Agrobusiness, Inc.'s election, the replacement of product.