

**DREXEL**

**ANTAK<sup>®</sup>**

**Contact Sucker Control Agent for Flue Cured and Cigar Tobacco**

**Plant Growth Regulator**

Emulsifiable Concentrate

Contains C<sub>10</sub> Fatty Alcohol

**COMMERCIAL/AGRICULTURAL**

**GUARANTEE: Fatty Alcohol (present as n-Decanol) 687 g/litre**

**REGISTRATION NO. 14165 PEST CONTROL PRODUCTS ACT**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER – CORROSIVE TO EYES**

In case of Eye Contact, flush immediately with water. Avoid inhalation of spray mist.

Shake Well Before Using

READ THE LABEL BEFORE USING

Manufactured by:  
DREXEL CHEMICAL COMPANY

P.O. Box 13327  
Memphis, TN 38113-0327

**901-774-4370**

Net Contents:  
115 Litres

## **FIRST AID**

**IF SWALLOWED:** Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**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 a poison control centre 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 a poison control centre or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you, when seeking medical attention.

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically. Avoid alcohol.

## **DISPOSAL**

1. Triple - or pressure-rinse the empty container. Add the rinsing to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for information on the clean-up of spills.

## PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

**CORROSIVE** to the eyes. **DO NOT** get in eyes. Wear goggles when handling.

Wear long pants, shoes plus socks and a long-sleeved shirt, during mixing, loading, applying, cleaning and repair.

Do not re-enter the treated areas until 48 hours after application.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require further information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: [www.croplife.ca](http://www.croplife.ca).

## ENVIRONMENTAL HAZARDS

This product is phytotoxic at extremely low concentrations. This product may be toxic to non-target insects.

**TOXIC** to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under **DIRECTIONS FOR USE**.

## GENERAL INFORMATION

DREXEL ANTAK<sup>®</sup> CONTACT SUCKER CONTROL AGENT is a carefully balanced combination of active ingredient and wetting agent (surfactant) to be used for the control of sucker growth on flue-cured 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 USE

Field sprayer application:

**DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification. Boom height must be 60 cm or less above the crop or ground.

**DO NOT** apply by air.

Buffer zones:

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	Crop	Buffer Zones (metres) Required for the Protection of:	
		Aquatic Habitat	Terrestrial Habitat
Field Sprayer	Tobacco	1 m	1 m

DREXEL ANTAK<sup>®</sup> CONTACT SUCKER CONTROL AGENT can be applied before topping when plants are at the late button to early flower stage (before flowers open). Wait 3 to 5 days after spraying before topping of tobacco plants.

For topping plants before spraying this product, top tobacco plants at the late button to early flower stage and remove any suckers which have grown over 2.5 cm. The tobacco plants should be sprayed within two days after topping and removal of suckers. Because this product is a contact-type agent, it is necessary to straighten any plants that are leaning so that all the emulsion flows down the stalk evenly and contacts each sucker.

This product can be applied anytime during the day until about 7:30 p.m., however, best results are obtained when the plants are sprayed in the morning after the dew has dried or in the afternoon when the plants have recovered from wilt. Some injury to the tender leaves at the top of the plant may result from the application of this product under bright sunlight at temperatures above 32°C. Injury may also result if this product is applied to the underside of the tobacco leaf; thus, application in winds high enough to turn over the top leaves is not recommended. Do not apply during rain or to wet plants, however, if the material has been on the plants over an hour before being washed off by the rain, re-application should not be necessary.

Do not over-apply causing runoff from treated foliage. **DO NOT** use broadcast spray or aerial spray equipment.

Do not contaminate permanent bodies of water when cleaning and rinsing spray equipment or containers.

## NUMBER OF APPLICATIONS

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

## **RATE OF APPLICATION**

Pre-Topping - For pre-topping use in flue-cured and cigar tobacco, this product should be diluted at the rate of 30 to 35 mL per litre of water or 3 to 3.5 litres per 100 litres of water.

Post-Topping - For post-topping use in flue-cured and cigar tobacco, this product should be diluted at the rate of 35 to 45 mL per litre of water or 3.5 to 4.5 litres per 100 litres of water.

When applied by hand, 1 litre of diluted DREXEL ANTAK<sup>®</sup> CONTACT SUCKER CONTROL AGENT will treat 35 to 50 plants. If a power sprayer is used, 100 litres will treat 3,500 to 4,900 plants or about 0.2 hectares and 450 litres will treat about 1 hectare of tobacco.

### **Maritime Provinces:**

Pre-Topping - 3 litres per 100 litres of water.

Post-Topping - 3.5 litres per 100 litres of water.

Important: For local recommendations, consult your provincial agricultural extension office.

## **METHOD OF APPLICATION**

The diluted emulsion is most easily prepared by adding the required amount of this product to your spray tank and then adding water. In order to obtain best results, it is important that water be added to this product rather than this product to the water.

If you use a hand-held or back pack sprayer, the diluted emulsion should be applied at the rate of 20 to 30 mL per plant (or enough to insure run down to the bottom of the plant). A coarse spray is recommended, directed downward at the top of the stalk from 15 to 20 cm above the top leaves. Very little tank pressure is required, and in no case should more than about 150 kPa be used. When applied with power equipment, three nozzles per row should be used (TG-3- full cone, tops or equivalent are recommended). One nozzle should be directed downward over the center of the row and one should be 23 cm on either side directed at or slightly above the top of the stalk.

The diluted DREXEL ANTAK<sup>®</sup> CONTACT SUCKER CONTROL AGENT should be applied to the top tobacco as a coarse spray from a height of 30 to 40 cm above the top of the stalk. It is recommended that boom pressure be kept at 100 - 150 kPa and should never exceed 200 kPa. By using the recommended spray tip, spraying at 100 - 150 kPa pressure and operating at a tractor speed of 5 km per hour, you will apply approximately 400 litres of diluted emulsion per hectare of tobacco.

**CAUTION:** If allowed to stand for extended periods of time, the diluted emulsion may separate. Always remember to mix well immediately before using.

In order to minimize the possibility of injury to the tobacco plants, do not mix this product with other chemicals such as insecticides or herbicides, or apply this product to plants which have recently been treated with such chemicals.

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

Do not contaminate water by cleaning of equipment or disposal of waste.

## **NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

ANTAK is manufactured by Drexel Chemical Company, P.O. Box 13327, MEMPHIS, TN 38113-0327.

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