

2019-0175

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# DELETE®

Tobacco Sucker Control Agent  
Contains C10 Fatty Alcohol

Emulsifiable concentrate

AGRICULTURAL

**DANGER: CORROSIVE TO EYES**

GUARANTEE:

Fatty alcohols ..... 688g/L (present as *n*-decanol)

REGISTRATION NO.. **11498** PEST CONTROL PRODUCTS ACT

**KEEP OUT OF REACH OF CHILDREN**

READ THE LABEL BEFORE USING

Made in USA

Net Contents: 10 L

Manufactured for:  
**Cochran Corporate Holding, Inc.**  
**dba Cochran Corporation**  
**P. O. Box 381347**  
**Germantown, TN 38138-1347**  
**USA**

**24-HOUR EMERGENCY PHONE 1-901-301-0171**  
**GROWER INFORMATION 1-901-301-0171**

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DELETE<sup>®</sup> Tobacco Sucker Control Agent is a carefully balanced combination of active ingredients and wetting agents 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**

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

#### **WHEN TO APPLY:**

DELETE Tobacco Sucker Control Agent can be applied either before or after topping. Best results are usually obtained by spraying the tobacco with DELETE Tobacco Sucker Control Agent before topping at the mid-button stage and then topping the tobacco at any time after spraying but usually within one week, removing any suckers that you may have missed. If you top the tobacco before spraying, remove any suckers of 2.5 cm in length as you top, and apply DELETE Tobacco Sucker Control Agent within two days after topping. Since tobacco will react to the missing top by rapid growth, it is advisable to use extra care when applying DELETE Tobacco Sucker Control Agent in the time period 8 hours to 36 hours after topping.

Because DELETE Tobacco Sucker Control Agent is a contact type agent, it is necessary to straighten any plants that are leaning so that the emulsion (mixture) flows down the stalk evenly and contacts each sucker.

DELETE Tobacco Sucker Control Agent can be applied any time during the day. 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 or when the temperature drops below 18-21 degrees C. Because the underside of the leaves may be injured by contact with DELETE Tobacco Sucker Control Agent, and because of the difficulty of contacting each sucker. Do not apply when the wind is high enough to turn the top leaves over. Do not apply during rain or when plants are wet. If, however, it rains after DELETE Tobacco Sucker Control Agent has been on the plants for over one hour, you should not have to apply again. Certain spraying conditions may affect the results you get with DELETE Tobacco Sucker Control Agent. Potential leaf injury may exist when there is excessive heat or humidity. Avoid spraying too soon after irrigation or rain when the plants will be more tender. If in doubt, spray a small amount (4 rows) and then check before proceeding. You will spot any possible injury in ½ an hour by close inspection of the leaves. 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 DELETE Tobacco Sucker Control Agent until these conditions pass.

#### **HOW TO APPLY:**

The diluted emulsion is most easily prepared by adding a small amount of water, then the required amount of DELETE Tobacco Sucker Control Agent, to your spray tank and then adding the remainder of the water. In order to obtain the best results, it is important to follow these mixing instructions, thus adding the major amount of water to the DELETE Tobacco Sucker Control Agent rather than the DELETE Tobacco Sucker Control Agent to a large quantity of water.

Proper agitation is essential for good results. Even if you have continuous recirculation, mix the solution thoroughly with hoe, rake handle, or tobacco stick before spraying. If you stop during spraying, be sure to agitate solution before starting up again.

When applied with power equipment, three full cone nozzles per row should be used (TG-5 in middle, TG-3's on each side of the TG-5 is the recommended arrangement). The TG-5 should be directed downward over the center of the row and each TG-3 should be 23 cm on either side directed at or slightly above the top of the stalk. The diluted DELETE Tobacco Sucker Control Agent should be applied to the tobacco as a coarse spray from a height of 30-35 cm above the average point where the tobacco will be, or has been, topped. It is recommended that boom pressure be kept at approximately 100kPa and should not exceed 120kPa. By using the recommended spray tips, spraying at 100kPa, and operating at a tractor speed of 5.5 km/h, you will apply approximately 450L of diluted emulsion per hectare of tobacco.

**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.

DO NOT apply by air.

**Buffer Zones:**

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

**HOW MUCH TO APPLY:**

**If you spray before topping** - DELETE Tobacco Sucker Control Agent should be diluted at the rate of 17L (Maritimes 14L) in 450L of water. This is enough DELETE Tobacco Sucker Control Agent solution to treat one hectare.

**If you spray after topping** - DELETE Tobacco Sucker Control Agent should be diluted at the rate of 20L (Maritimes 17L) in 450L of water. This is enough DELETE Tobacco Sucker Control Agent solution to treat one hectare.

These before topping and after topping recommended rates will effectively control suckers under most conditions. Slight adjustments in rate of application may be required due to special spraying conditions, spray pressures, or time of application. Your DELETE Tobacco Sucker Control Agent Dealer can provide additional information if needed.

**HOW OFTEN TO APPLY:**

In many cases, a single application of DELETE Tobacco Sucker Control Agent 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. Excellent leaf quality should be obtained with the use of DELETE Tobacco Sucker Control Agent alone in one, or where necessary, two applications.

**CAUTION:**

1. Do not contaminate water by cleaning of equipment or disposal of wastes.
2. The concentrations and application techniques recommended above have been found to control suckers with little or no leaf injury. Concentrations, application rates, sprayer pressures, and time of application other than those recommended may lead to inadequate sucker control and/or injury to the tender upper leaves of the plant.
3. If allowed to stand for extended periods of time, the diluted emulsion may separate. Always remember to mix immediately prior to use. You should start with a fresh mixture of DELETE Tobacco Sucker Control Agent each day.
4. It is recommended that DELETE Tobacco Sucker Control Agent not be mixed with other chemicals or applied to tobacco plants which have recently been treated with other chemicals.
5. Be sure that all spray equipment has been carefully rinsed out prior to using.

**PRECAUTIONS:****KEEP OUT OF REACH OF CHILDREN.**

**CORROSIVE to the eyes.** DO NOT get in eyes. In case of eye contact, flush with plenty of water. Avoid inhalation of mist. Wear long pants, shoes plus socks, a long-sleeved shirt, safety goggles and rubber gloves when during mixing, loading, applying, cleaning and repair.

Do not re-enter 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 information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: [www.croplife.ca](http://www.croplife.ca).

**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 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.

**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.

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

**TOXICOLOGICAL INFORMATION:**

Fatty alcohols are not excessively toxic, and it is usually not necessary to induce vomiting or to pump the stomach.

**ENVIRONMENTAL HAZARDS:**

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

**STORAGE AND DISPOSAL:**

**STORAGE:** Store product in original container only, away from other pesticides, fertilizer, food or feed. Keep container closed.

**DISPOSAL:**

1. Triple- or pressure-rinse the empty container.
2. Add the rinsings to the spray mixture in the tank.
3. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
4. Make the empty container unsuitable for further use.
5. Dispose of the container in accordance with provincial requirements. For information on 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 clean-up of spills.

**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.