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O-TAC Canada Label/Front panel

O-TAC PLANT CONTACT AGENT®

**FOR TOBACCO SUCKER CONTROL
IN FLUE-CURED, BURLEY AND CIGAR TOBACCO.**

FAIR PRODUCTS, INC.

COMMERCIAL EMULSIFIABLE CONCENTRATE

DANGER: CORROSIVE TO EYES

GUARANTEE:

Active -n-octanol: 36.2%

n-décanol: 48.2%

Related Compounds (dodecanol C₁₂): 0.3%

Other Ingredients: 15.3%

ALLERGEN LABELING: Warning contains the allergen sulfites.

KEEP OUT OF REACH OF CHILDREN

**READ ENTIRE LABEL BEFORE USING
SHAKE WELL BEFORE USING**

NET CONTENTS: 18.93 LITERS

REGISTRATION NO: 34722

MANUFACTURED BY:



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FIRST AID

IF SWALLOWED: Call a 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 by a poison control center 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 center 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 center 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, preferable by mouth-to-mouth if possible. Call a poison control center 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.

DISPOSAL

1. Triple-or pressure-rinse the empty container. Add the rinsings 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 empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency.
6. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

PRECAUTION

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 long-sleeved shirt, during mixing, loading, applying, cleaning and repair.

If this pest control product is to be used on a commodity that may exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at www.croplife.ca.

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

ENVIRONMENTAL HAZARDS

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

GENERAL INFORMATION

O-TAC PLANT CONTACT AGENT® is a carefully balanced combination of active ingredients and wetting agents (surfactants) to be used for the control of sucker growth on flue-cured, Burley 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 (meters) Required for Protection of	
		Aquatic Habitat	Terrestrial Habitat
Field Sprayer	Tobacco	1 m	1 m

TIME OF APPLICATION: **O-TAC PLANT CONTACT AGENT®** can be applied before topping when plants are at the late button or early flower stage (before flowers open). Wait 3 to 5 days after spraying before topping tobacco plants.

For topping plants before spraying **O-TAC PLANT CONTACT AGENT®**, top tobacco plants at the late button to early flower stage and remove any suckers which have grown over 3 cm. The tobacco plants should be sprayed within two days after topping and removal of suckers.

Because **O-TAC PLANT CONTACT AGENT®** 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. **O-TAC PLANT CONTACT AGENT®** can be applied anytime during the day until about 7:30 P.M., however, best results are obtained when 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 **O-TAC PLANT CONTACT AGENT®** under bright sunlight at temperatures above 32°C. Injury may also result if **O-TAC PLANT CONTACT AGENT®** is applied to the underside of the tobacco leaf, thus, application in winds high enough to turn over the top leaves is not recommended. Mix well prior to use, and if allowed to stand during the use, mix again before applying since diluted emulsion may separate on standing. Make sure the equipment is clean before using. Do not use on Burley tobacco during periods of high heat and high humidity. 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.

NUMBER OF APPLICATIONS:

In many cases a single application of **O-TAC PLANT CONTACT AGENT®** is satisfactory to control both primary and secondary suckers. However, in most cases addition treatments are recommended 3 to 5 days apart to allow time for uneven crops to become uniform or if secondary sucker growth appears vigorous.

RATE OF APPLICATION

Pre-topping: For pre-topping use in flue-cured, Burley and cigar tobacco. **O-TAC PLANT CONTACT AGENT®** should be diluted at the rate of 18.7L/450 L water/ha.

Post-topping: For post-topping use in flue-cured, Burley or cigar tobacco. **O-TAC PLANT CONTACT AGENT®** should be diluted at the rate of 23.4L/450 L water/ha.

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 **O-TAC PLANT CONTACT AGENT®** to your spray tank and then adding water. In order to obtain the best results, it is important that the water be added to the **O-TAC PLANT CONTACT AGENT®** rather than the **O-TAC PLANT CONTACT AGENT®** to the water.

If you use a hand-held or back pack sprayer, the diluted emulsion should be applied at the rate of 20 - 30 mL per plant (or enough to ensure run down to the bottom of the plant).

A coarse spray is recommended, directed downward at the top of the stalk from 15 - 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-full-cone tips, or equivalent are recommended). One TG-5 nozzle and two TG-3's should be positioned approximately 28 cm over either side directed at or slightly above top of the stalk. The diluted **O-TAC PLANT CONTACT AGENT®** should be applied to the topped tobacco as a coarse spray from a height of 30 - 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, and operating at a tractor speed of 5 km/hr you will apply approximately 450 liters of diluted emulsion per hectare of tobacco.

CAUTION

DO NOT CONTAMINATE ANY BODY OF WATER. DO NOT CONTAMINATE FOODS OR FEEDS. 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 O-TAC PLANT CONTACT AGENT® WITH OTHER CHEMICALS SUCH AS INSECTICIDES OR HERBICIDES, OR APPLY O-TAC PLANT CONTACT AGENT® TO PLANTS WHICH HAVE RECENTLY BEEN TREATED WITH SUCH CHEMICALS. BE SURE ALL SPRAY EQUIPMENT HAS BEEN CAREFULLY RINSED OUT PRIOR TO USING. DO NOT REUSE EMPTY CONTAINERS.

NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offense under the **PEST CONTROL PRODUCTS ACT** to use a control product in a way that is inconsistent with the directions on the label. The user assumes that risk to persons or property that arises from any such use of this product.