

**PFIZOL-10
TOBACCO SUCKER CONTROL AGENT
Emulsifiable Concentrate**

AGRICULTURAL
READ THE LABEL BEFORE USING

DANGER – CORROSIVE TO EYES

GUARANTEE: Fatty Alcohols (present as n-decanol) 688 g/L

REGISTRATION NO. 12849
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 10 - 205 L

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PFIZOL-10 TOBACCO SUCKER CONTROL AGENT is a combination of active ingredients and wetting agents to be used for the control of sucker growth on Flue-Cured, Burley and Cigar Tobacco. The creamy emulsion formed by diluting the concentrated product with water is applied to the tobacco plant as a coarse spray. To obtain an effective sucker kill, the emulsion must come in direct contact with the suckers.

DIRECTIONS FOR USE

When to apply:

To obtain optimum results, spray PFIZOL-10 TOBACCO SUCKER CONTROL AGENT before topping at the mid-button stage. Top the tobacco plants at any time after spraying, but generally within one week and remove any suckers that were missed. PFIZOL-10 TOBACCO SUCKER CONTROL AGENT may also be applied after topping. Spray the plants with-in two days of topping first removing any suckers over 3 cm in length. Due to the rapid growth after topping, extra caution should be taken when spraying 8-36 hours after topping. Straighten any plants that are leaning so that the emulsion runs evenly down the stalk and comes into contact with each sucker.

PFIZOL-10 TOBACCO SUCKER CONTROL AGENT may be applied at any time during the day. For optimum results do NOT apply during the following conditions: when leaves are wet with dew; when leaves begin to close at night; when temperatures drop below 18°-21°C; when wind is high enough to turn top leaves over; during a rain or when plants are wet. Rain may affect results if it occurs within one hour of spraying and re-spraying may be necessary. Spraying too soon after rain or irrigation when plants are tender or when there is excessive heat or humidity may cause leaf injury. Do not spray PFIZOL-10 TOBACCO SUCKER CONTROL AGENT when favourable conditions exist for the spread of hollow stalk or stem-rot.

Rate of application:

Before topping: Mix 14-17L (Maritimes 14L) in 450L of water. There is enough emulsion to spray one hectare.

After topping: Mix 17L-20L (Maritimes 17L) of Pfizol-10 Tobacco Sucker Control Agent in 450 Litres of water. This is enough emulsion to spray one hectare.

IMPORTANT: For local recommendations, consult your Provincial Agricultural Extension office.

Method of application:

To prepare the dilute emulsion, first add a small amount of water to the spray tank. Next, add the required amount of PFIZOL-10 TOBACCO SUCKER CONTROL AGENT followed by the remainder of the water.

Note: for best results, add the concentrated product to the spray tank before the large volume of water is added. Mix the solution thoroughly with a stick before spraying. If you stop during spraying, be sure to mix the solution again before spraying.

When spraying PFIZOL-10 TOBACCO SUCKER CONTROL AGENT, three full cone nozzles per row is recommended. Use a TG-5 directly over the centre of the row and two TG-3's, 23 cm on either side directed at or slightly above the top of the stalk. Spray the dilute emulsion from a height of 30-35 cm above the top of the plant. Recommended speed is 5 km/h with a pressure of 100-115 kPa.

How often to apply: A single application of PFIZOL-10 TOBACCO SUCKER CONTROL AGENT is, in most cases, sufficient to control both primary and secondary suckers. If, however, conditions become favourable for secondary sucker regrowth, make a second application 5 to 7 days after the first application.

Caution: Because the diluted emulsion may separate if allowed to stand for long periods of time, remember to remix the emulsion immediately before using.

Do not mix PFIZOL-10 TOBACCO SUCKER CONTROL AGENT with any other tobacco chemicals. Do not spray on tobacco plants which have recently been treated with other tobacco chemicals. Be sure to thoroughly clean spray equipment before using. Do not contaminate water by the cleaning of equipment or the disposal of wastes.

Concentrations, application rates, sprayer pressures and time of application other than those recommended above, may possibly lead to inadequate sucker control and/or injury to tender upper leaves of the plant.

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

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN:

CORROSIVE to the eyes. DO NOT get in eyes. Wear safety goggles and rubber gloves when handling. Avoid inhalation of spray mist. Avoid contact with skin and clothing. Wear long pants, shoes plus socks and a long-sleeved shirt during mixing, loading, applying, cleaning and repair. Do not contaminate water bodies by cleaning of equipment or disposal of wastes. Do not re-enter the treated areas until 48 hours after application. DO NOT APPLY BY AIR.

ENVIRONMENTAL HAZARDS

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

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 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 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.

RETURNABLE-REFILLABLE CONTAINERS

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse container for any other purpose.

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 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 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.

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