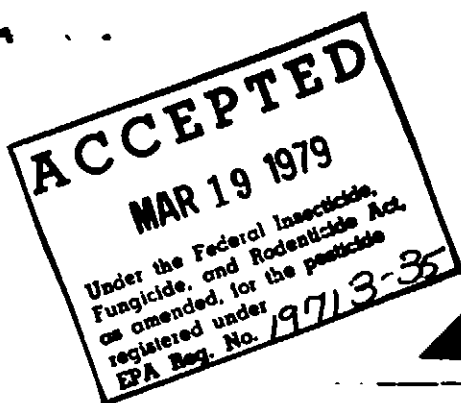




Drexel

Sucker-Plucker Concentrate

Tobacco Sucker Control Agent

ACTIVE INGREDIENTS:

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(C) 1979 Drexel Chemical Company
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NET WEIGHT:

Weight of active ingredients is 5.634 pounds per gallon

Keep out of the reach of children

WARNING:

Do not get in eyes

Shake well before using

Read entire label before using this product

WARNING: Keep out of the reach of children. May cause eye damage. Do not get in eyes. In case of eye contact, flush thoroughly with water for at least 15 minutes and call a physician. Wear safety glasses and rubber gloves when handling concentrate. Avoid inhalation of spray mist. Shake well before using. Read entire label before using this product.

WARRANTY — CONDITION OF SALE:

INSTRUCTIONS FOR USE of this product are on label and are to be followed carefully. It is however impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of Drexel Chemical Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result. **ALL SUCH RISKS ARE ASSUMED BY THE BUYER.**

Drexel warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use as modified by the above. Drexel makes no other warranties, express or implied, including **FITNESS** or **MERCHANTABILITY**. In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.

CONTAINER DISPOSAL: Do not reuse empty container. Wash thoroughly with water and detergent, crush if possible, and discard in a safe place.

GENERAL INFORMATION: Sucker Plucker Concentrate is a carefully balanced combination of active ingredients and wetting agents (surfactants) to be used for the control of sucker growth on burley, flue-cured and dark 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. **SUCKER-PLUCKER CONCENTRATE** can be used alone, or can be followed by a systemic sucker control agent in a dual treatment program on flue-cured or burley tobacco.

DIRECTIONS FOR USE:

Time of Application: **SUCKER-PLUCKER CONCENTRATE** can be applied either before or after topping at the button to early flower stage. However, best results are usually obtained by spraying the tobacco with **SUCKER-PLUCKER CONCENTRATE** before topping and then topping within a week, removing any suckers that were missed. Topping can be done one to two days before spraying. At the same time remove any suckers over one inch in length and straighten any plants that are leaning so that the emulsion flows down the stalk evenly and makes the necessary contact with each sucker. **SUCKER-PLUCKER CONCENTRATE** 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 — the top of the plant may result from the application of **SUCKER-PLUCKER CONCENTRATE** under bright sunlight at temperatures above 90°F. Injury may also result if **SUCKER-PLUCKER CONCENTRATE** 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 a rain or irrigation, reapplication should not be necessary.

Number of Applications: In many cases a single application of **SUCKER-PLUCKER CONCENTRATE** is satisfactory to control both primary and secondary suckers. If secondary sucker growth appears vigorous, a second treatment

on flue-cured or burley tobacco 5 to 7 days after the initial treatment may be advantageous. Excellent leaf quality can be obtained with the use of **SUCKER-PLUCKER CONCENTRATE** alone in one or, where necessary, two applications. Some growers favor a dual treatment using **SUCKER-PLUCKER CONCENTRATE** first (at the button stage) followed 1 to 2 weeks later with a systemic sucker control agent (mastic hydrazide) used in accordance with manufacturer's instructions. If this dual treatment method is used, an application rate of 1½ to 2 gallons of **SUCKER-PLUCKER CONCENTRATE** in 50 gallons of water is adequate.

DO NOT MAKE MORE THAN ONE APPLICATION ON DARK TOBACCO.

Rate of Application: For use on flue-cured and burley tobacco, **SUCKER-PLUCKER CONCENTRATE** should be diluted at the rate of 4-5 ounces per gallon of water, or 1½-2 gallons in 50 gallons of water. When using **SUCKER-PLUCKER CONCENTRATE** on dark tobacco 7 to 8 ounces per gallon of water, or 2½ to 3½ gallons in 50 gallons of water, should be used. Use the lower rates when optimum growing conditions exist and leaves are tender. When applied by hand, 1 gallon of diluted **SUCKER-PLUCKER CONCENTRATE** will treat approximately 250 plants. If a power sprayer is used, 40-60 gallons of diluted product should be applied per acre of tobacco.

Method of Application: The diluted emulsion is most easily prepared by adding the required amount of **SUCKER-PLUCKER CONCENTRATE** to your spray tank and then adding the water in order to obtain the best results. It is important that the water be added to the **SUCKER-PLUCKER CONCENTRATE** rather than the **SUCKER-PLUCKER CONCENTRATE** to the water.

If you use a hand-held or backpack sprayer, the diluted emulsion should be applied at a rate of 2/3 to 1 ounce 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 6 to 8 inches above the top leaves. Very little tank pressure is required, and in no case should more than about 30 lbs. be used. When applied with power equipment, three nozzles per row should be used (TG-3 full cone tips, or equivalent are recommended). One nozzle should be directed downward over the center of the row and one should be 8 inches on either side directed at or slightly above the top of the stalk. The diluted **SUCKER-PLUCKER CONCENTRATE** should be applied to the topped tobacco as a coarse spray from a height of 12 to 16 inches above the top of the stalk. It is recommended that boom pressure be kept at 20-25 lbs. and should never exceed 30 lbs. By using the recommended spray tips, spraying at 20-25 lbs. pressure, and operating at a travel speed of 2½ to 3 mph, you will apply approximately 50 gallons of diluted emulsion per acre 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 **SUCKER-PLUCKER CONCENTRATE** with other chemicals such as insecticides or herbicides, or apply **SUCKER-PLUCKER CONCENTRATE** to plants which have recently been treated with such chemicals. Be sure that all spray equipment has been carefully cleaned out prior to using. 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 **SUCKER-PLUCKER CONCENTRATE** until these conditions pass.

Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only to registered tobacco.

SUCKER-PLUCKER CONCENTRATE is manufactured by Drexel Chemical Company, Memphis, Tennessee. **SUCKER-PLUCKER** is a registered trademark of Drexel Chemical Company.

Drexel Chemical Company Memphis, Tennessee

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Net Contents Gallons