

Best copy available

10337-8

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**FAIR
85**

**FOR CONTROL OF
TOBACCO SUCKERS**

ACTIVE INGREDIENT:
 Fatty Alcohols 85%
 (C₈ - 0.5%, C₉ - 42%, C₁₀ - 56%, C₁₂ - 1.5%)
 INERT INGREDIENTS: 15%
 TOTAL 100%

THIS PRODUCT CONTAINS 6.01 LBS. OF FATTY ALCOHOLS PER GALLON

**KEEP OUT OF REACH OF CHILDREN
WARNING**
 Do not inhale mist. Avoid contact with eyes, skin, clothing.
 SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Read label carefully before using this product.

Manufactured by

**Fairmount
CHEMICAL CO., INC.**

117 BLANCHARD ST.

NEWARK, N.J.

EPA REGISTRATION NO. 10337-8
 EPA ESTABLISHMENT NO. 10337-NJ-1

MADE IN U.S.A.
 NET CONTENTS 5 GALLONS

ACCEPTED
 JUN 12 1979
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 10337-8

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)
WARNING**

CAUSES EYE IRRITATION. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. HARMFUL IF SWALLOWED. AVOID INHALATION OF MIST. IN CASE OF EYE CONTACT, FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. WEAR SAFETY GOGGLES AND RUBBER GLOVES WHEN HANDLING CONCENTRATE.

ENVIRONMENTAL HAZARDS

KEEP OUT OF LAKES, PONDS OR STREAMS. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

1. PROHIBITIONS

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED. DO NOT REUSE EMPTY CONTAINER.

2. PESTICIDE DISPOSAL

PESTICIDE, SPRAY MIXTURE OR RINSATE THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

3. CONTAINER DISPOSAL

TRIPLE RINSE (OR EQUIVALENT) AND DISPOSE IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS. OR BURY IN A SAFE PLACE.

4. GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING.

FAIR 85 is a carefully balanced combination of active ingredients and wetting agents to be used for the control of sucker growth on Burley, Flue-Cured, Dark, Maryland 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.

When to Apply

FAIR 85 can be applied before or after topping. Best results are usually obtained by spraying the tobacco with FAIR 85 before topping in the early to late button stage and then topping the tobacco one week later, removing any suckers that were missed. If you top the tobacco plants before spraying, remove any suckers over one inch in length as you top and apply FAIR 85 after topping.

Because FAIR 85 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.

FAIR 85 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. Because the underside of the leaves may be injured by contact with FAIR 85, do not apply when the wind is high enough to turn top leaves over. Do not apply during the rain or when plants are wet. If, however, it rains after FAIR 85 has been on the plants for over an hour, you should not have to apply FAIR 85 again.

How Much FAIR 85 to Apply

Flue-Cured: For Power Sprayer — use 1½-2 gallons in 50 gallons of water.

For Hand Sprayer — use 4-5 ounces per gallon of water.

Burley: For Power Sprayer — use 1½-2 gallons in 50 gallons of water.

For Hand Sprayer — use 4-5 ounces per gallon of water.

Dark: Use 6-8 ounces per gallon of water to apply with hand sprayer.

Cigar: Use 4-5 ounces per gallon of water to apply with hand sprayer.

Maryland: Use 4-4½ ounces per gallon of water to apply with hand sprayer.

When applied by hand, 1 gallon of diluted FAIR 85 will treat approximately 190 plants. If a power sprayer is used 40-60 gallons of diluted product should be applied per acre of tobacco.

How to Apply

The diluted emulsion is most easily prepared by adding the required amount of FAIR 85 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 FAIR 85 rather than FAIR 85 to the water.

If you use a hand-held or back-pack sprayer, the diluted emulsion should be applied at a rate of 2/3 to 1 ounce 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 6-8 inches above the top leaves. Very little tank pressure is required, and in no case should more than about 20 pounds be used.

When applied with power equipment, three nozzles per row should be used (TG-3 full-cone tips, or equivalent, is satisfactory). Replacing the center TG-3 nozzle with a TG-5 full-cone nozzle, which provides more spray solution down the stalk, is also recommended. One nozzle should be directed downward over the center of the row and one should be 9 inches on either side directed at or slightly above the top of the stalk. The diluted FAIR 85 should be applied to the tobacco as a coarse spray from a height of 12-16 inches above the top of the stalk. It is recommended that boom pressure be kept at 20-25 lbs., and should never exceed 25 lbs. By using the recommended spray tips, spraying at approximately 20 lbs. pressure, and operating at a tractor speed of 2½-3 mph, you will apply approximately 50 gallons of diluted emulsion per acre of tobacco.

How Often to Apply

In many cases a single application of FAIR 85 is satisfactory to control both primary and secondary suckers. If secondary sucker growth appears vigorous, a slight change in use may be advantageous.

Some growers of Burley, Flue-Cured and Dark tobacco may favor a dual treatment using FAIR 85 first (at the early button stage) followed 1-2 weeks later with a systemic sucker control agent (maleic hydrazide) used in accordance with manufacturer's instructions. If this dual treatment is used on Burley or Flue-Cured tobacco, an application rate of 1½-2 gallons of FAIR 85 in 50 gallons of water is adequate. If this dual treatment is used on Dark tobacco, FAIR 85 should be used at the rate of 6-8 ounces per gallon of water to apply by hand sprayer.

Notes

1. Do not mix FAIR 85 with any other chemicals or agents. Apply separately and do not apply to plants which have been recently treated with insecticides and herbicides.
2. Mix well prior to use and, if allowed to stand during the use, mix again before applying since the diluted emulsion may separate on standing.
3. Do not use on Burley tobacco during periods of high heat and humidity, or under conditions which favor the spread of tobacco diseases.
4. Make sure that the spray equipment is clean before use. Do not contaminate water by the cleaning of equipment or disposal of waste.
5. Usage according to the directions outlined has resulted in adequate sucker control with very little or no leaf injury. Application not in accordance with the directions may lead to injury to leaves or improper sucker control.
6. Seller's guarantee shall be limited to the terms of the label, and subject thereto the buyer assumes any risk to persons or property arising out of use or handling and accepts the product on these conditions.