

## **BURLEY TOBACCO (FOR POWER SPRAYER) (3.5-4% SOLUTION)**

### General Information

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 Fired, 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 suckers, therefore, the material is applied so that maximum contact is made with the suckers. For maximum sucker control FAIR 85 applications are followed within 7-10 days by systematic maleic hydrazide (MH) sucker control agents such as FST-7, FAIR 80 SP, FAIR 30 or FAIR PLUS applied in accordance with directions.

### Limitations, Restrictions, and Exceptions

#### **BURLEY TOBACCO (FOR POWER SPRAYER) (3.5-4% SOLUTION)**

For power sprayer - use 1.75 to 2 gallons (6.62-7.57 liters) in water to make a total of 50 gallons (189 liters) of spray solution (3.5 to 4% solution).

If a power sprayer is used, 50 gallons (189 liters) of diluted product should be applied per acre of tobacco.

#### **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 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 anytime 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 the 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. Do not apply during periods of high heat or if plants are under excessive stress.

#### 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 the FAIR 85 to the water. If you use a hand-held or backpack sprayer, the diluted emulsion must be applied at a rate of 2/3 to 1 ounce (20-30 milliliters) per plant (or enough to insure rundown 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 20 pounds be used. When applied with power equipment, three nozzles per row must be used (TG full cone tips, or larger, are satisfactory). One TG-5 nozzle should be directed downward over the center of the row and two TG-3s should be positioned approximately 11 inches on either side directed at or slightly above the top of the stalk. The diluted FAIR 85 must be applied to the 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 to 25 lbs., and should never exceed 25 lbs. By using the recommended spray tips, spraying at approximately 20 lbs. pressure, and operating a tractor speed of 2.5 to 3 mph, you will apply approximately 50 gallons of diluted emulsion per acre of tobacco.

#### HOW OFTEN TO APPLY:

Usually one application of FAIR 85 will give good control of both primary and secondary suckers and produce excellent leaf quality. However, in most cases a dual treatment of FAIR 85 is recommended 7 to 10 days apart to allow time for uneven crops to become uniform. For season long sucker control, these treatments should be followed by a maleic hydrazide (MH) product (such as FST-7, FAIR 80 SP, FAIR 30 or FAIR PLUS) treatment applied within 7-14 days of the last FAIR 85 treatment in accordance with label instructions. In the event of an extended season and to avoid excessive MH residues, a later season application of 2.5 gallons FAIR 85 in 47.5 gallons water, (5% concentration) may be made 3 to 4 weeks after MH application.

Refer in the label for mixing directions.

Method

[Spray](#)

Rates

[field rates 0](#)

[field rates 1](#)

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Restricted Entry Interval

24 hours

Timings

[Before or after topping](#)