



1. When should you apply? Emtrol is usually applied before topping. Tobacco is topped one week after spraying with all missed suckers being removed at that time.

Emtrol can also be applied after topping at the button or early flower stage. Remove suckers over one inch in length as you top and apply Emtrol one to three days after topping.

Emtrol can be applied any time of the day, however, best results are obtained if you wait until the dew dries before spraying.

2. When not to apply.

- a. When plants are wilted.
- b. When leaves begin to close in the evening.
- c. If so windy that top leaves are blown over.
- d. During extremely hot, still weather.
- e. During rain or when plants are wet. If it rains after Emtrol has been on plants for one hour, you should not have to reapply Emtrol.

3. How many applications are necessary? In most cases a single application of Emtrol is satisfactory to control both primary and secondary suckers. However, unusual growing conditions may dictate the control of secondary sucker growth and a second treatment is recommended five to seven days after the initial treatment, if good sucker growth continues.

Excellent leaf quality can be obtained with the use of Emtrol in one or two applications.

4. Characteristics of Emtrol. Emtrol is a carefully balanced combination of active ingredients and wetting agents to be used for a control of sucker growth on burley, flur-cured and dark tobacco. The concentrated product is diluted with water to form a creamy emulsion which is applied as a coarse spray. This emulsion is effective only when it comes in direct contact with suckers, therefore, the material must be applied so that maximum contact is made with the suckers.

Neither Emery Industries, Inc., nor the seller, makes any representation or warranty, express or implied, as to this product other than that contained on the label hereof, and the buyer assumes all risk of personal injury, property damage, or other loss resulting from use, handling, or storage of the product, and accepts and uses the material on these conditions.

Emery INDUSTRIES, INC.
Cincinnati, Ohio 45202

DUE TO THE INCREASING ECOLOGICAL CONCERN WITH CONTAMINATION OF GROUND WATER AND WATER RUN-OFF IT IS RECOMMENDED THAT YOU NOT CONTAMINATE THESE WATER SOURCES BY CLEANING YOUR SPRAY EQUIPMENT OR DISPOSING EMTROL WASTES INTO STREAMS OR GROUND WATER SINKS.

A T 148 FORMULATION

EMTROL



Tobacco Sucker Control Agent

COMPOSITION:

Active Ingredients —
Fatty Alcohols 63%
(C₈-0.4%; C₉-45.1%; C₁₀-54.5%)
Inert Ingredients 37%

E.P.A. Registration No. 2302-13

WARNING:

KEEP OUT OF REACH OF CHILDREN

In case of eye contact, flush with plenty of water. Avoid inhalation of mist.
Wear safety goggles and rubber gloves when handling concentrate.

Do not re-use container. Destroy when empty.

Made in U.S.A. by EMERY INDUSTRIES, INC. Cincinnati, Ohio 45202

Net Contents: ONE U.S. GALLON

Weight of Active Ingredients: 4.73 lbs. per gallon

Feb 27, 1973

2302-13
GENERAL INFORMATION

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APPLICATION INSTRUCTIONS

A. Preparing your tobacco. Emtrol is a contact agent and is effective only when it comes in direct contact with the suckers. Apply the material so that maximum contact is made. Plants that are leaning must be straightened so that the spray emulsion goes down the stock evenly and contacts each sucker.

B. Dual treatment program. Emtrol can be used alone or in a dual treatment program with maleic hydrazide sucker control agent. In this case Emtrol can be used first at the button stage followed seven-ten days later with maleic sucker control agent, used in accordance with manufacturers instructions. If a dual treatment method is used an application rate of 1½ to 2 gallons of Emtrol in fifty gallons of water is adequate.

C. Mixing the tobacco sucker control emulsion.

For Use on Flur-Cured and Burley Tobacco—For use on flur-cured and burley tobacco, Emtrol concentrate should be diluted at the rate of 6 oz. per gallon of water; 2½-3 gallons in fifty gallons of water.

For Use on Dark Tobacco—When using Emtrol on dark tobacco 10-12 oz. per gallon of water should be used.

If you are spraying by hand, one gallon of diluted Emtrol will treat approximately 250 plants. If a power sprayer is used forty to sixty gallons of diluted Emtrol should be applied per acre of tobacco. Below is a chart indicating various dilutions and approximate coverage rates for Emtrol:

EMTROL DILUTION CHART Recommended Rates For Flur-Cured and Burley						
Use this amount of Emtrol Concentrate	6-8 oz.	1 gallon	2½ to 3 gallons	5 to 6 gallons	12½ to 15 gallons	55 gallons
Add this much H ₂ O	1 gallon	18 gallons	50 gallons	100 gallons	250 gallons	1,000 gallons
Resulting mixture will treat this many acres		Approx. ½ acre	Approx. 1 acre	Approx. 2 acres	Approx. 5 acres	Approx. 20 acres

If a dual treatment program is used an application rate of 1½-2 gallons Emtrol concentrate in 50 gallons of water is sufficient.

Spray application technique. To prepare your emulsion add the required amount of Emtrol to your spray tank and then add water. In order to obtain best results it is important that the water be added to the Emtrol rather than the reverse.

Hand held/back pack sprayers. If you use hand held, or a back pack sprayer, enough of the diluted emulsion should be applied to provide run-down to the bottom of the plant. This is usually one-half to one ounce diluted emulsion per plant. A coarse spray is directed downward at the top of the stalks from eight to ten inches above the top. Very little tank pressure is required and in no case should more than twenty pounds be used.

Power Spray Equipment. When using power equipment three nozzles per row should be used such as the TG3 full cone tips or equivalent. Nozzles should be directed downward over the center of the row. Apply a coarse spray from the height of twelve to sixteen inches above the top of the stalk. Boom pressure should be kept at approximately twenty pounds per square inch and should not exceed twenty-five. By using the recommended spray procedure, and spraying at the appropriate pressure, with a tractor speed of two and one-half to three miles an hour, you will apply approximately fifty gallons of diluted emulsion per acre.

E. Notes of caution. If allowed to stand for extended periods of time the diluted Emtrol emulsion may separate. Always remember to mix well immediately prior to use.

Emtrol should not be mixed with other chemicals or applied to tobacco plants which have recently been treated with other chemicals. Be sure that all spray equipment has been carefully cleaned prior to using.

Special caution should be used in applying Emtrol on burley tobacco during prolonged periods of high heat, humidity or other conditions which might favor the spread of hollis stock or steam rock diseases. Delay the application of Emtrol until these conditions pass.

