



51873-7 04/08/1994 117  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Thomas A. Tucker  
Product Manager  
Fair Products, Inc.  
Agri-Specialties Division  
P.O. Box 386  
Cary, NC 27512-0386

APR 8 1994

Dear Mr. Tucker:

SUBJECT: Review of Label Amendments

Fair Plus	EPA Reg. No. 51873-2	Fair-Tac	EPA Reg. No. 51873-5
FST-7	EPA Reg. No. 51873-6	Fair 85	EPA Reg. No. 51873-7 ✓
De-Cut	EPA Reg. No. 51873-8	Fair-30	EPA Reg. No. 51873-9

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

1. The Worker Protection Standard (WPS) language on the labels for the subject products were reviewed by the WPS review group. The WPS label language is acceptable with the following comment:

Place a box around the "User Safety Recommendations" and the "Agricultural Use Requirement" sections of the labels.

2. Make the following modifications for the Fair Plus (EPA Reg. No. 51873-2) label:
  - a. Modify the "ACTIVE INGREDIENT:" and "INERT INGREDIENT" statements by increasing the point size of the type to 12 and put in bold to be consistent with the other subject product labels.
  - b. Under "HOW MUCH FAIR PLUS TO APPLY:", modify "DARK" to read "DARK FIRE" tobacco.
3. Make the following modifications for the FST-7 (EPA Reg. No. 51873-6) label:
  - a. Align the decimal points in the INGREDIENTS STATEMENT.
  - b. Use bold type for "INERT INGREDIENTS" to be consistent with other subject product labels.

- c. Modify the statement after the "\*" to read:
- "Hereafter called potassium salt of maleic hydrazide. This product contains 0.66 lbs. maleic hydrazide equivalent per gallon."
4. Make the following modifications for the Fair 85 (EPA Reg. No. 51873-7) label:
- a. Modify the instructions on the rear panel under "HOW MUCH FAIR 85 TO APPLY:" for **Dark**: **"For hand sprayer, use 6 to 8 ounces per gallon (177-237 milliliters) per gallon (3.785 liters) of water.**
  - b. Modify under **Maryland**: "When applied.....used, 50 to 60 gallons (189-227 liters) .....tobacco." or delete the ".....227....." figure.
5. On the De-Cut (EPA Reg. No. 51873-8) label, delete the right parenthesis at the end of "HAZARDS TO ....ANIMALS)".
6. On the Fair 30 (EPA Reg. No. 51873-9) label, modify the "ACTIVE INGREDIENT:" and "INERT INGREDIENT" statements by increasing the point size of the type to 12 and put in bold to be consistent with the other subject product labels.

If you have any questions, please contact Terri Stowe of my staff at (703) 305 - 6117.

Sincerely yours,

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosures

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FAIR 85/Front panel-93

# FAIR 85<sup>2</sup>

## CONTACT TOBACCO SUCKER CONTROL AGENT

### WARNING

KEEP OUT OF REACH OF CHILDREN  
Do not inhale mist. Avoid contact with eyes, skin, and clothing.

### "AVISO"

PRECAUCION AL USUARIO:  
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail)

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

### SHAKE WELL BEFORE USING

If not used in accordance with directions, plant injury, excessive residues, or other undesirable results may occur.

READ ENTIRE LABEL CAREFULLY BEFORE USING THIS PRODUCT.

### ACTIVE INGREDIENT:

Fatty Alcohols.....	85%
C6 - 0.5, C8 - 42%, C10 - 56%, C-12 - 1.5%	
INERT INGREDIENTS.....	15%
TOTAL.....	100%

THIS PRODUCT CONTAINS 6.01 LBS. OF FATTY ALCOHOLS PER GALLON

### MANUFACTURED BY

Fair Products, Inc.  
Agri-Specialties Division  
Post Office Box 386  
Cary, North Carolina 27511  
Telephone: (919) 467-8352

### MADE IN U. S. A.

EPA REG. NO. 51873-7  
EPA EST. NO. 45671-NC-01

### NET CONTENTS:

7.57 LITERS (7570 ML.)  
2 GALLONS (256 FL. OZ.)

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

APR 8 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

51873-7

FAIR 85/Left side panel-93

**PRECAUTIONARY STATEMENTS**  
Hazards to humans and 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.

**PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical resistance category selection chart.

**APPLICATORS AND OTHER HANDLERS MUST WEAR:**

- Long-sleeved shirt and long pants
- Chemical resistant gloves such as barrier laminate or butyl rubber or nitrile rubber or neoprene or polyvinyl chloride or viton
- Shoes plus socks
- Protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should:

- \* Wash hands before eating, drinking, chewing gum, using tobacco or using toilet.
- \* Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply this product through any type of irrigation system. Do not contaminate water when disposing of equipment washwaters.

FAIR 35/Right side panel-93

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or persons, either directly or indirectly through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**Do not enter or allow workers entry into treated areas during the restricted entry interval (REI) of 24 hours.**

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical resistant gloves such as barrier laminate or butyl rubber or nitrile rubber or neoprene or polyvinyl chloride or viton
- Shoes plus socks
- Protective eyewear

**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 RINSE THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO APPLICABLE FEDERAL, STATE, OR LOCAL PROCEDURES.**
3. **CONTAINER DISPOSAL-TRIPLE RINSE (OR EQUIVALENT). THEN OFFER FOR RECYCLING OR RECONDITIONING, OR DISPOSE OF IN A SANITARY LANDFILL OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES.**
4. **GENERAL-CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING.**

FAIR-85/Rear panel-93, p.1

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 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 sucker control agents such as FST-7, FAIR 30 OR FAIR PLUS applied in accordance with directions.

**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.

**HOW MUCH FAIR 85 TO APPLY:**

- Flue-Cured:** For power sprayer - use 1.5 to 2 gallons (5.68-7.57 liters) in 50 gallons (189 liters) of water, or 2.5 gallons (9.4 liters) in 50 gallons (189 liters) of water.  
For hand sprayer - use 4 to 5 ounces (118-148 milliliters) per gallon (3.785 liters) of water, or 6 ounces (183 milliliters) per gallon (3.785 liters of water).  
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.
- Burley:** For power sprayer - use 1.75 to 2 gallons (6.62-7.57 liters) in 50 gallons (189 liters) of water.
- Dark:** Use 6 to 8 ounces per gallon (177-237 milliliters per gallon (3.785 liters) of water.

FAIR 85/Rear panel-93, p. 2

**Cigar:** Use 4 to 5 ounces per gallon (118-145 milliliters per 3.785 liters) of water to apply with a hand sprayer.

**Marylands:** Use 4 to 4.5 ounces per gallon (118-133 milliliters per 3.785 liters) of water to apply with a hand sprayer.

When applied by hand, 1 gallon (3.785 liters) of diluted FAIR 85 will treat approximately 190 plants. If a power sprayer is used, 50 gallons (189-227 liters) 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 the 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 (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 should 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 11 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 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 (such as FST-7, 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*

**NOTES:**

1. 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.
2. Do not use on Burley tobacco during periods of high heat and high humidity.
3. 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 of leaves or improper sucker control.
4. Make sure spray equipment is clean before using.

**WARRANTY STATEMENT** 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.