



51873-5 04/08/1994 1/1
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

APR 8 1994

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

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 TOANIMALS)".

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-TAC/Front panel

FAIR-TAC^R

CONTACT TOBACCO SUCKER CONTROL AGENT

CAUTION

KEEP OUT OF REACH OF CHILDREN

Do not inhale mist. Avoid contact with eyes, skin, and clothing.

SHAKE WELL BEFORE USING

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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

ACTIVE INGREDIENT:

n-DECANOL.....	78.5%
INERT INGREDIENTS.....	21.5%
TOTAL.....	100.0%

THIS PRODUCT CONTAINS 5.7 LBS. OF FATTY ALCOHOL PER GALLON

READ LABEL CAREFULLY BEFORE USING THIS PRODUCT

MADE IN U. S. A.

EPA Registration No. 51873-5
EPA EST. No. 45671-NC-01

NET CONTENTS:
2 GALLONS
7.57 LITERS

MANUFACTURED BY

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

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.

51873-5

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FAIR-TAC/Left side panel-93

PRECAUTIONARY STATEMENTS
Hazards to humans and domestic animals

CAUTION:

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

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FAIR-TAC/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.

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

FAIR-TAC is an effective contact sucker control agent which goes to work promptly (usually within a period of one hour) to kill tobacco suckers. FAIR-TAC is mixed with water to form a milky emulsion which is then applied as a coarse spray directly on to the suckers. In a period of about one hour the contacted suckers turn brown to black and costly and tedious hand suckering is eliminated.

For maximum sucker control FAIR-TAC 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.

DIRECTIONS

Top the tobacco plants when they are in the late button or early flower stage and remove by hand any suckers which are over one inch. Plants that are leaning must be straightened so that the spray flows down the stalk evenly and contacts each sucker. The plants should be sprayed with FAIR-TAC within one day after topping and not later than two days.

FAIR-TAC can be applied at any time during the day up to early evening before the leaves begin to close but it is best to wait until the dew is dried if the spray is applied in the early morning. Spraying during the bright noon-day sun at atmospheric temperatures above 90 F should be avoided since injury to the top tender leaves may result. In this case, it is recommended that spraying be delayed until the afternoon when the plants have recovered from wilt.

Do not apply FAIR-TAC when the wind velocity is high enough to turn over the top leaves since injury may result from the application to the tender underside of the tobacco leaf. Do not apply during a rain or when the leaves are still wet. When properly sprayed on tobacco plants, FAIR-TAC will be effective if it has at least one hour to act before being washed off by rain. Usually one application of FAIR-TAC will give good control of both primary and secondary suckers and produce excellent leaf quality. However, a dual treatment of FAIR-TAC 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 7-10 days of the last FAIR-TAC treatment in accordance with instructions.

BURLEY and BLUE CURED TOBACCO:

Add 50 gallons of water to 1.5 to 2 gallons of FAIR-TAC. For smaller quantities, add one gallon of water to 5 to 6 ounces of FAIR-TAC. Always add water to the FAIR-TAC, not the reverse. Apply with diluted emulsion at the rate of 50 gallons per acre of tobacco. Take care to observe that the emulsion is running down the tobacco stalk and wetting the suckers properly.

FAIR-TAC/Rear panel-93, p.2

DARK TOBACCO

Add one gallon of water to 7 to 8 ounces of FAIR-TAC. Always add water to the FAIR-TAC, not the reverse. Take care to observe that the emulsion is running down the tobacco stalk and wetting the suckers properly.

When applying FAIR-TAC with power equipment, use a coarse spray (TG-3 full cone tips or larger) three nozzles per row. Ideally, one TG-5 nozzle should be directed downward over the center of the row and two TG-3 nozzles should be 11 inches on either side directed at or slightly above the top of the stalk. FAIR-TAC should be applied from a height of about 12-16" above the top of the taller stalks of tobacco. Keep the boom pressure at 20-25 lbs. and do not exceed 25 lbs. pressure. Operate the vehicle at a speed of 2 to 3 miles per hour and apply 50 gallons of diluted emulsion per acre of tobacco.

When using a hand-held or knapsack type sprayer, be sure to use a coarse spray and direct the spray downward at the top of the stalk about 6 inches above the top leaves. Apply enough diluted emulsion to get run down to the bottom of each plant. Not much tank pressure is needed. Do not exceed 20 lbs. of pressure.

NOTES

1. Mix well prior to use and, if allowed to stand during 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 humidity or under conditions which favor the spread of tobacco diseases.
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.