



51873-6 04/08/94 1/7
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 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

PST-7/Front panel-93

PST-7

CONTACT AND SYSTEMIC TOBACCO SUCKER CONTROL AGENT

DANGER

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

"PELIGRO"

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)

ACTIVE INGREDIENTS

n-Decanol.....	38.3%
Potassium salt of 1,2-Dihydro-3,6-pyridazinedione*....	11.1%
INERT INGREDIENTS.....	50.6%
TOTAL.....	100.0%

*MALEIC HYDRAZIDE Equivalent: 0.66 lbs. per gallon
Weight Of Active Ingredients: 4.0 lbs per gallon

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with water for 15 minutes. Get immediate medical attention. If swallowed:
Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not
available, drink large quantities of water. Avoid alcohol. NOTE TO PHYSICIAN: Probable
mucosal damage may contraindicate the use of gastric lavage.

SHAKE WELL BEFORE USING

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

READ ENTIRE LABEL CAREFULLY BEFORE USING THIS PRODUCT

EPA Est. No. 45671-NC-01

E. P. A. Reg. No. 51373-6

MADE IN U. S. A.
U. S. PAT. No. Re-30216

NET CONTENTS:

3 GALLONS (384 Fl. Oz.)
(11.355 Liters)

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.

51873-6

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

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FST-7/Left panel-93

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes eye damage. Do not get in eyes, on skin or clothing. Harmful or fatal if swallowed. Do not breathe spray mist.

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.

FST-7/Right 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.

FST-7/Rear panel-93.p.1

FST-7 FOR CONTROL OF TOBACCO SUCKERS
DIRECTIONS FOR USE

FST-7 is a contact and systemic sucker control agent which with one application kills small suckers on contact within one-half to one hour after application and then works systemically on the tobacco plant to control cell subdivisions and the formation of new suckers. FST-7 is formulated exclusively for the control of tobacco suckers.

FST-7 can be applied by conventional spray mechanisms. Use a coarse spray and spray one or more rows at a time wetting only the upper 1/3 to 1/2 of the tobacco plant and allowing the liquid to run down the stalk to each plant, using only about twenty pounds of pressure. Plants that are leaning should be straightened so that the spray flows down the stalk evenly and contacts each sucker.

FST-7 should be applied during early morning after the dew dries, all day on cloudy days, avoiding late afternoon or night applications. 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.

Do not apply FST-7 when the wind velocity is high enough to turn 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 or when rain is predicted during the period of 6 hours following the application. The contact agent in the formulation is effective within one hour after spraying but the systemic agent requires about 6 hours for absorption throughout the entire plant and rain within that period may reduce effectiveness. If applied during drought, the contact portion of the formulation continues to function normally but the systemic sucker control action may be reduced because of the diminished absorption capabilities of the tobacco plant under drought conditions.

BLUE CURED TOBACCO

Apply FST-7 after topping at early flower (one week after button), following application of an appropriate contact control agent (such as FAIR 85 or FAIR TAC) at the early button stage. Remove by hand all suckers which are over one inch long. The plants should be sprayed promptly. Add 3 gallons of FST-7 to 10-20 gallons of water and with the mixer running add more water to bring the volume up to a total of 50 gallons. Operate the sprayer at a speed of 2.5 to 3 miles per hour and spray 50 gallons of diluted emulsion per acre of tobacco. Use a coarse spray covering the top 1/3 to 1/2 of the plant and allow the liquid to run down the stalk to the bottom of each plant using only about 20 pounds of pressure.

MAKE SURE the container of FST-7 is well mixed and shaken before measuring.

FST-7/Rear panel-93.p.2

BURLEY TOBACCO

Top the tobacco plants when they are about the full flower stage and remove by hand all suckers which are over one inch long. The plants should be sprayed promptly (within one day after topping). Add 3 gallons of FST-7 to 10-20 gallons of water and with the mixer running add more water to bring the volume to a total of 50 gallons. Operate the sprayer at a speed of 2.5 to 3 miles per hour and apply 50 gallons of diluted emulsion per acre of tobacco. Use a coarse spray covering the top 1/3 to 1/2 of the plant and allow the liquid to run down the stalk to the bottom of each plant using only about 20 pounds of pressure. For the compressed air shoulder sprayer use 23 ounces of FST-7 per 3 gallons of water and mix well before using. Apply at a rate of 3 gallons of diluted emulsion per 667 plants agitating the solution from time to time during spraying.

MAKE SURE the container of FST-7 is well mixed and shaken before measuring.

NOTES AND LIMITATIONS

1. Do not make more than one application per season.
2. Do not harvest earlier than 7 days after application.
3. Should wash off occur within 6 hours, a single repeat application may be made.
4. Mix well prior to use if allowed to stand during the use, mix again before applying since the diluted emulsion may separate on standing.
5. Do not use on burley tobacco during periods of high heat and humidity.
6. Make sure that the spray equipment is clean before use.
7. Do not use on seed tobacco.
8. Do not allow to drift to nearby crops.
9. 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.

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.