

51873-6

03/17/92

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 17 1992

Thomas A. Tucker  
Fair Products, Inc.  
P.O. Box 386  
Cary, North Carolina 27512

Dear Mr. Tucker:

Subject: Fair Plus, FST-7, Fair 85, Fair 30  
EPA Reg. Nos. 51873-2, (6) 7, 9  
Re: Labeling Amendments  
Your submission dated March 10, 1992

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 comment listed below. Please submit five (5) copies of your final printed labeling incorporating these changes before releasing your product for shipment. A stamped copy is enclosed for your records.

1. You must delete the word "Warning" from your disclaimer statements on all of the above mentioned labeling.

Sincerely,

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	COLE						
DATE	3/17/92						

EPA Form 1320-1 (12-70) "U.S.GPO:1989-624-85710186 OFFICIAL FILE COPY

Dr. H.

3-10-92

# FST-7

## FOR CONTROL OF TOBACCO SUCKERS CONTACT AND SYSTEMIC TOBACCO SUCKER CONTROL AGENT

**DANGER**  
KEEP OUT OF REACH OF CHILDREN

**"PELIGRO"**  
**PRECAUCION AL USUARIO:**  
Si usted no lee engles, no use este producto hasta que le  
etiqueta haya sido explicado ampliamente.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes eye damage. Do not get in eyes, on skin or clothing. Wear goggles or face shield. Wash thoroughly after handling. Wash goggles and face shield thoroughly, before reuse. Harmful or fatal if swallowed. Do not breathe spray mist.

#### 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 contaminate water when disposing of equipment washwaters.

### 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 LABEL CAREFULLY BEFORE USING THIS PRODUCT  
E.P.A. Reg. No. 51873-6

### ACTIVE INGREDIENTS (Percent by weight):

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

\*MALEIC HYDRAZIDE EQUIVALENT: 0.66 lbs. per gallon

WEIGHT OF ACTIVE INGREDIENTS: 4.0 lbs. per gallon



**fair products, inc.**

P.O. BOX 386

CARY, NORTH CAROLINA 27511

EPA Est. No. 45671-NC-01

U.S. PAT. No. Re-30216

MADE IN U.S.A.

NET CONTENTS:

3 GALLONS

(334 FL. OZ.) (11.355 LITERS)

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

MAR 17 1992

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

51873-6

FST-7  
Draft.

3-10-92

3/4

#### FLUE-CURED TOBACCO

Apply FST-7 after topping at early flower (one week after button), following application of an appropriate contact control agent at early button stage. Remove by hand all suckers which are over one inch. 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 1/2-3 miles per hour and spray 50 gallons of diluted emulsion per acre to tobacco. Use a semi-coarse spray covering the top 1/3 to 1/2 of the plant and allowing 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.

#### RE-ENTRY STATEMENT

"Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons."

"Do not enter treated areas without protective clothing until sprays have dried."

"Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information."

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER Area treated with (name of pesticide) on (date of application). Do not enter without appropriate protective clothing for (insert here reentry interval for your product). (Insert here actions to take in case of accidental exposure)."

#### 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 residue that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.
3. CONTAINER DISPOSAL - Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers or bury in a safe place.
4. GENERAL - Consult federal, state or local disposal authorities for approved alternative procedures such as limited for burning.

#### NOTES AND LIMITATIONS

"WARNING The use of Prime + alone or in tank mixes may result in soil carryover residues which may injure rotational crops or tobacco, (see the Prime + label for more information)".

2. Do not make more than one application per season.
3. Do not harvest earlier than 7 days after application.
4. Should wash off occur within 6 hours, a single repeat application may be made.
5. Do not apply this product through any type of irrigation system.
6. 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.
7. Do not use on burley tobacco during periods of high heat and humidity or under conditions which favor the spread of tobacco diseases.
8. Make sure that the spray equipment is clean before use. Do not contaminate water by cleaning of equipment or disposal of waste.
9. Do not use on seed tobacco.
10. Do not allow to drift to nearby crops.
11. 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.
12. 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.

"Tobacco injury, carryover residues, ineffectiveness or other unintended consequences may result from the addition of Prime + to this material as a tank mix. These risks are totally beyond the control of FAIR PRODUCTS, INC. or the Seller and shall be assumed entirely by the Buyer.

## FST-7 FOR CONTROL OF TOBACCO SUCKERS DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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 semi-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 of each plant, using only about twenty pounds of pressure. Plants that are leaning must be straightened so that the spray flows down the stalk evenly and contacts each sucker.

FST-7 should be applied during the 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 about 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.

### 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. 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 1/2-3 miles per hour and apply 50 gallons of diluted emulsion per acre of tobacco. Use a semi-coarse spray covering the top 1/3 to 1/2 of the plant and allowing 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.