



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

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

APR - 1 2003

Subject: FAIR-30®  
EPA Reg. No. 51873-9  
Your amendment dated March 3, 2003

Dear Mr. Tucker:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

Delete the explanatory notes such as "PROPOSED CHANGES IN RED", "(changes outlined in PR Notice 2001-1 in Red)" and "(Changed at request of Local EPA to adhere to PR Notice 83-3 criteria)"

*FIRST AID:*

Move the section "If in eyes" to the top of the list.

Delete the word "PYRIDAZINONE"

Correct the spelling of "hrazide" in the line under "Hot Line Number"

*PERSONAL PROTECTIVE EQUIPMENT - APPLICATORS AND ...:* Change  
"waterproof gloves" to "Chemical resistant gloves made of a waterproof material."  
(Pages 2-44)

*ENVIRONMENTAL HAZARDS:* Move this section into the box that has the heading  
"Precautionary Statements."

*SURFACE WATER ADVISORY:* Move this section into the box that has the heading  
"Precautionary Statements."

*DIRECTIONS FOR USE:* Move this section to immediately after the FIRST AID box.

FAIR-30@  
Page 2 of 2

Add a major heading "USE PRECAUTIONS" immediately before the "PERSONAL PROTECTIVE CLOTHING" heading.

*STORAGE AND DISPOSAL:*

Make the subheading for paragraph 1 read "PESTICIDE STORAGE".

*PESTICIDE DISPOSAL:* Delete the entry "(Reference: LP86-01)"

Under *GENERAL*, insert a comma between "federal" and "state"

A stamped copy of the label is enclosed for your records.

Submit one (1) copy of the final printed label before you release the product for shipment or within 30 days, whichever is less. This revised label will be used for product specific reregistration.

If you have any questions, please call Robert Westin at (703) 305-5721.

Sincerely,



Dennis McNeilly  
Acting Product Manager (22)  
Fungicide Branch  
Registration Division (7505C)

Enclosure

3 8 8

**\*\*DRAFT\*\***

EPA Approved 04/08/1994 label Updated 02-24-03

FAIR 30/Front Panel-01

**\*\*PROPOSED CHANGES IN RED\*\***

# FAIR 30<sup>®</sup>

A 2.25 lb. Maleic Hydrazide Product  
FOR THE PREVENTION OF GROWTH OF TOBACCO SUCKERS

<b>ACTIVE INGREDIENT:</b>	
Potassium salt of 1,2-Dihydro-3,6-pyridazinedione*	30.15%
<b>INERT INGREDIENTS:</b>	69.85%
<b>TOTAL</b>	100.00%
*Hereinafter called potassium salt of maleic hydrazide CAS No. 28382-15-2	
<i>This product contains 2.25 lbs. maleic hydrazide (MH) CAS No. 123-33-1 equivalent per gallon</i>	

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

Do Not Inhale Mist. Avoid Contact With Eyes, skin and clothing  
See Side panel for Additional Precautionary Statements

**READ ENTIRE LABEL CAREFULLY BEFORE USING THIS PRODUCT**

**SHAKE WELL BEFORE USING**

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

Sold by

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

EPA REG. NO. 51873-9  
 EPA EST. NO. 45671-NC-01

**NET CONTENTS:**  
 2 GALLONS (256 Fl Oz)  
 7.57 LITERS (7570 ml)

**ACCEPTED**  
**with COMMENTS**  
**in EPA Letter Dated:**

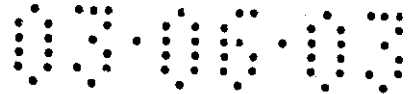
APR 1 2003

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

51873-9

**\*\*DRAFT\*\***

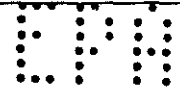
EPA Approved 04/08/1994 label Updated 02-24-03



FAIR 30/Left side panel-01

*(changes outlined in PR Notice 2001-1 in Red)*

**PRECAUTIONARY STATEMENTS**  
Hazards to humans and domestic animals



**CAUTION:**

Harmful if absorbed through skin. Causes moderate eye damage. Avoid contact with eyes, skin, or clothing. Harmful if swallowed. Harmful if inhaled. Avoid inhalation of mist. Wash thoroughly with soap and water after handling

**FIRST AID**

**PYRIDAZINONE-MALEIC HRDRAZIDE**

<b>If On Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If In Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 12-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**Hot Line Number**

**Pyridazinone-maleic hrdrazide**

For emergency information on product call (919) 467-8352, Monday through Friday 9 am to 5 PM EST. After 5 PM call your poison control center or call the National Poison Control Hotline at 1-800-222-1222 for additional information. Have the container or label with you when calling or going for treatment.

**PERSONAL PROTECTIVE EQUIPMENT**

**APPLICATORS AND OTHER HANDLERS MUST WEAR:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eye wear

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.

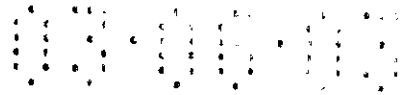
**USER SAFETY RECOMMENDATIONS**

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.

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EPA Approved 04/08/1994 label Updated 02-24-03



FAIR 30/Left side panel-01, p. 2

**ENVIRONMENTAL HAZARDS**

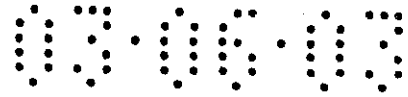
Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply this product through any type of irrigation system. Do not contaminate water when disposing of equipment washwaters.

**SURFACE WATER ADVISORY**

Under some conditions, maleic hydrazide (MH) may have a significant potential for runoff into surface water (primarily via dissolution in runoff water), for several days post-application. Conditions favoring runoff include poorly draining soils or wet soils with readily visible slopes, frequently flooded areas, areas where an intense or sustained rain fall is forecast to occur within 48 hours, areas overlying extremely shallow ground water, and areas overlying tile drainage systems that flow to surface water.

**\*\*DRAFT\*\***

EPA Approved 04/08/1994 label Updated 02-24-03



FAIR 30/Right side panel-98

**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 worker entry into treated areas during the Restricted Entry Interval (REI) of 12 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 over long-sleeved shirt and long pants**
- Waterproof gloves**
- Shoes plus socks**
- Protective eyewear**

*(Changed at request of Local EPA to adhere to PR Notice 83-3 criteria)*

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and disposal.

1. **STORAGE** - Do not stack over 2 pallets high. Store original containers in cool dry place away from food, water and feed. Avoid storage below 45 degrees F. At temperatures below 40 degrees F, the formulation will form solids. It readily re-dissolves, but must be warmed to 50 degrees F or above. The larger the container the more time is needed to completely re-dissolve the solids.
2. **PESTICIDE DISPOSAL** - Pesticide wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility (Reference: LP86-01).
3. **CONTAINER DISPOSAL** - Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.
4. **GENERAL** - Consult federal state or local disposal authorities for approved alternative procedures in your area.

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EPA Approved 04/08/1994 label Updated 02-24-03

FAIR 30/Rear panel-98,p.1

**DIRECTIONS FOR USE**

FAIR 30 is a tailor-made formulation exclusively for tobacco use. The active ingredient is time tested and classic growth retardant Maleic-Hydrazide in the form of the potassium salt. This formulation contains an agricultural surfactant (wetting agent) to facilitate better "sticking" especially under adverse weather conditions. It is necessary to apply FAIR 30 at the correct time, in the correct amounts, and in equal amounts to each plant, in order to obtain the optimum sucker control. Only the upper 1/3 to 1/2 of the plant needs to be sprayed for best results. FAIR 30 is absorbed by tobacco leaves and spreads throughout the entire plant. Please follow directions carefully.

**FLUE CURED, BURLEY, DARK FIRE, MARYLAND TOBACCO**

**WHEN TO APPLY:**

When all plants flower at the same time, wait until the plants are in full flower, then top and pull all suckers from the early maturing plants and within 24 hours after topping, spray FAIR 30 onto the entire field. "Full flower" is the stage when 90% of the plants have started shedding their first flowers. In most years, plants flower over a wide range of time. In these situations, FAIR 30 treatments should be preceded by application of "contact type" sucker control materials such as FAIR 85 or FAIR-TAC which allow uneven crops to become uniform before MH application. When the remaining plants are in full flower, top them and remove the suckers from the entire field, then spray FAIR 30 within 24 hours after topping. The tip leaves to be harvested should be at least 6 to 8 inches long at the time of application of FAIR 30.

**SPECIAL DIRECTIONS FOR BURLEY TOBACCO**

Alternatively, to reduce maleic hydrazide (MH) residues and enhance sucker control apply Fair 30 as soon as 10 to 25% of the plants have open flowers or whenever the majority of plants have 20 to 25 harvestable leaves (about 8 inches long and about 5 inches wide). This will result in MH application 7 to 14 days earlier than the normal application at full to late flower.

**HOW MUCH FAIR 30 TO APPLY:**

FLUE CURED, BURLEY, CIGAR (Pennsylvania and Wisconsin) and MARYLAND TOBACCO, use 3.5 quarts of FAIR 30 per 6000 plants per acre or 1 to 1.25 gallons of FAIR 30 per 8000 plants per acre. On small plots, use 1 to 1.25 pints of FAIR 30 per 1000 plants in 3 gallons of water.

DARK TOBACCO: use double the above amounts -example, use 1.75 gallons of FAIR 30 per 6000 plants per acre or 2 pints of FAIR 30 per 1000 plants in 3 gallons water for small plots.

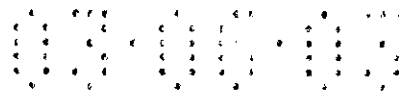
**HOW TO APPLY:**

FAIR 30 can be applied by tractor or animal drawn sprayer or with a compressed air shoulder sprayer. Any number of nozzles may be used and it can be applied in the same manner as insecticides. Spray one or more rows at a time, wetting only the upper one-third to one-half of the plants. When using a compressed-air shoulder sprayer with a single nozzle, spray one side of each tobacco row while walking at a constant rate, using a uniform motion to moisten the upper 6 to 8 leaves of each plant, and apply equal amounts of spray to each plant. Make sure to use a nozzle that delivers a fine, mist spray. Apply FAIR 30 in 20 to 50 gallons of water per acre. DO NOT use less than 20 gallons of water per acre.

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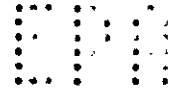
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FAIR 30/Rear panel-98, p.2

**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. Do not use on seed tobacco,
5. Make sure spray equipment is clean before using.
6. Do not allow drift to nearby crops.



FAIR 30 normally requires 6 hours contact with the plant for full results. Rain occurring within six hours of spraying reduces effectiveness. Also extremely dry weather conditions reduce the optimum effect. Do not harvest the tobacco until it is fully ripe. When tobacco has been properly treated with FAIR 30, or closely hand suckered, it will not ripen as rapidly as untreated tobacco. Under certain conditions tobacco tips treated with FAIR 30 tend to turn yellow prematurely. This does not mean that the tobacco is ripe or that it has been harmed. Do not use time and color of the leaves as the only guide to the ripeness of FAIR 30 treated tobacco, use other characteristic indications of ripeness, such as the change in the leaf texture and the fading of color from the mid-rib. Premature harvesting results in poor tobacco quality. Leaving one row of tobacco untreated can be helpful in determining when the treated tobacco is ripe.

Best results are obtained when FAIR 30 is applied on humid mornings after the dew has disappeared from the plants. Avoid application of FAIR 30 during the hot, mid-day or afternoon sun. It is important to use the correct amount of FAIR 30 and to follow directions carefully. Do not use too much of it. Too little will not achieve the proper sucker control. Rinse the spray tank and equipment after spraying but do not contaminate natural waters by cleaning of equipment or disposal of wastes. FAIR 30 reacts slowly on plants grown under drought conditions and the results may not be as good as on plants treated under normal conditions.

**WARRANTY STATEMENT:** Seller's guarantees shall be limited to the terms of the label and subject thereto the buyer assumes any risk to person or property arising out of use or handling and accepts the product on these conditions.