



51873-8

4-8-1994

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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

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DE-CUT/Front Panel-93

DE-CUT
TO CONTROL AND RETARD PLANT GROWTH
IN AREAS DIFFICULT TO MAINTAIN

ACTIVE INGREDIENT (Percent by weight):

Potassium salt of 1, 2-Dihydro-3, 6-pyridazinedione*.....	21.7%
INERT INGREDIENTS.....	78.3%
TOTAL.....	100.0%

*Hereinafter called potassium salt of maleic hydrazide.
This product contains 1.5 lbs. maleic hydrazide equivalent per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 51873-8
EPA EST. NO. 45671-NC-01

NET CONTENTS:
2 Gallons (256 Fl Oz)
7.57 Liters (7570 mL)

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.

51873-8

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DE-CUT/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

APPLICATORS AND OTHER HANDLERS MUST WEAR:

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

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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DE-CUT/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 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
- Waterproof gloves
- 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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DE-CUT/Rear panel-93.p.1

DIRECTION FOR USE

DE-CUT will retard the growth of grass, ivy, shrubs, weeds, and trees. DE-CUT is recommended for use on highways, under power-transmission lines, along airfield runways, golf-course roughs, cemeteries, industrial grounds, and similar areas difficult and expensive to mow and trim. The proper use of DE-CUT can reduce maintenance procedures from the usual several times per month to once or twice in a season, thereby cutting labor costs and the hazards of trimming hard-to-reach areas.

DE-CUT should be used on good, well established turf which is at least 3 years old, where the need for frequent mowing is to be eliminated.

DE-CUT should not be used on any agricultural crops such as tobacco, potatoes, onions, fruit trees, etc. It is not recommended for general use on home lawns, except along edges. Do not use on fairways of golf courses (only in roughs). Never use in pastures or areas where livestock graze and do not cut hay for livestock feed from treated areas.

CONTROL OF GRASS

When applied according to directions, DE-CUT is absorbed through the actively-growing green blades and transmitted by the plant fluids to the growth-control area of the plant. DE-CUT retards cell division but does not destroy or harm the normal, healthy grass.

DE-CUT should be used in the spring (early April to end of May) or in the fall (early October to mid-November). It should be used only on healthy, active-growing green grass. Brown grass, mowed areas covered with clippings, leaves and foreign debris all interfere with proper application and absorption, with ensuing poor results.

DE-CUT should not be applied during the summer months of June through September. Most grasses are partially dormant at this time and the effect of herbicides is greatly diminished.

The two-week period in spring when the forsythia and dandelion are in full bloom, and when the grass has newly grown from 2" to 4" in height, is the best time for applying DE-CUT. At this time grass is vibrant with growth and maximum absorption, with the optimum inhibition, will result. If spraying is delayed beyond the two-week period, allow one week after spraying and then mow to improve the appearance of the area.

During spring use 2 2/3 gallons of DE-CUT in 50-80 gallons of water for application on one acre. For smaller quantities mix 4 oz. of DE-CUT with 2 gallons of water for 500 sq. ft. of coverage. Mix thoroughly before use.

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DE-CUT/Rear panel-93.p.2

For fall application use 3 1/3 gallons of DE-CUT in 50-80 gallons of water for application on one acre to control growth during the next season. For smaller quantities, mix 5 oz. of DE-CUT with 2 gallons of water for 500 sq. ft. of coverage. In the spring the grass will "green-up" about two weeks later than untreated grass. Other than this, DE-CUT does not normally affect the color of grass when used as directed. At times it may be slightly deeper green than untreated areas.

Do not apply DE-CUT when rain is expected for 6 hours following application. This time period is needed for effective absorption into the plant itself. Once DE-CUT is absorbed, rain and watering have no effect on its performance. It is not recommended to use DE-CUT during periods of extended drought when the soil is dry and growing conditions are impaired. DE-CUT gives best results if applied when the soil is moist and the air is humid. DE-CUT prevents the formation of new seed heads and retards blade growth.

A DE-CUT-treated area which is not mowed will grow slowly to 6" or 12" in height during the entire growing season. Growth rate is accelerated as the effects of the active ingredient gradually wear off.

CONTROL OF POA ANNUA

Poa Annua grass can pose problems in golf-course fairways. A light treatment of DE-CUT in the spring can eliminate or substantially reduce the reseeding of Poa Annua with little effect on the grass growth.

Mow the area to be treated twice in the spring (usually 5-8 days apart). Before the first Poa Annua seed heads appear, and when the third mowing is needed, apply 2 qts. of DE-CUT in 30 gallons of water per acre. The treatment effects will be evident in about eight days.

HOW TO SPRAY

The equipment used for spraying should provide a minimum of 50 gallons of water per acre and supply a spray pattern that will apply this volume of spray uniformly over the entire area. It should be equipped with controls to provide calibrated amounts of spray at all times. Trucks should have special tachometers to read from 0-15 mph. The usual speedometers are inaccurate at such low speeds. The accepted methods of pump-nozzle, boom, or air-carry methods of application are satisfactory. The equipment should have the capability of maneuvering in all areas where DE-CUT is to be applied.

DE-CUT is not corrosive and equipment can be cleaned by washing with water. Do not contaminate natural waters with cleaning operations.

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DE-CUT/Rear panel-93,p.3

FOR APPLICATION OF TREES, SHRUBS, and IVY

DE-CUT can be used to inhibit growth of the following trees: Sycamore, Willow, Alder, Poplar, Oak, Mulberry, Black Walnut, Maple, Sweet Gum, Elm and Tamarack.

DE-CUT can be used to inhibit growth to the following shrubs: Privet, Pyracantha, Myrtus, Xylocarpus, Viburnum, Eugenia, Pittosporum, Cactus, Hahns, Ivy, Algerian Ivy, Honeysuckle, Forsythia and Ice Plant.

Use 1 2/3 gallons of DE-CUT in 100 gallons of water and spray this concentration on to wet all surfaces of leaves and bark to the point of drip, but not run-off.

For best results apply DE-CUT in the spring when new leaves have expanded and vigorous new growth has started. It can also be used in summer after pruning when new regrowth is 2" to 4" long. For limited application a compressed air-shoulder sprayer may be used. Thoroughly mix 8 tablespoons of DE-CUT for each gallon of water and apply. Do not spray when the wind velocity exceeds 15 mph.

WARRANTY STATEMENT: Seller's guarantee shall be limited to 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.