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1386-644

File 199



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

MAR 23 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Nik Ramswick  
UNIVERSAL COOPERATIVES INC.  
P.O. BOX 460 7801 METRO PARKWAY  
MINNEAPOLIS, MN 55440

Subject: Label Amendment Submission of 08/05/93 in Response to PR Notice 93-7  
EPA Reg. No. 1386-644  
RED PANTHER "PANTHER JUCE "

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with SoyCanola Ink on paper that  
contains at least 50% recycled fiber

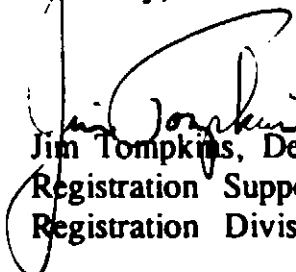
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

Nik Ramswick  
UNIVERSAL COOPERATIVES INC  
P.O. BOX 460 7801 METRO PARKWAY  
MINNEAPOLIS MN 55440

Comment for: EPA Reg Nr.1386-644  
RED PANTHER "PANTHER JUCE"

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

The glove requirement for "applicators and other handlers" in the "Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Waterproof gloves". The exact location is shown in Sections A and B on Part 1 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The Agricultural Use Requirements section must be located in a clearly separate box on the product labeling -- with lines or other graphic indicators (such as contrasting color) to separate the section from the surrounding text.

Remove the statement "Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application." from its current position within the Agricultural Use Box and place it above the Agricultural Use Box.

The glove requirement for early entry in the Agricultural Use Requirements box on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Waterproof gloves". The exact location is shown in Sections F and G on Part 2 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The Non-Agricultural Use Requirements section must either be placed in a box or printed on the label in a contrasting

UNIVERSAL COOPERATIVES INC  
EPA Reg. Number: 1386-644  
RED PANTHER "PANTHER JUCE"  
Application date: 08/05/93  
Original Submission

color from the surrounding text.

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Red Panther Panther Juice

Monosodium Acid Methanearsonate Plus Surfactant

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAR 23 1991  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
1386-644

For Post Emergence Weed Control In Cotton. For Control  
Of Weeds And Grasses, Including Johnson Grass, Nut Grass,  
Water Grass, Goose Grass, Dallis Grass, and Cocklebur.

READ ENTIRE LABEL BEFORE USING THIS PRODUCT

KEEP OUT OF REACH OF CHILDREN  
WARNING - AVISO

Si usted no entiende la etiqueta, busque a alguien  
para que se la explique a usted en detalle. (If  
you do not understand this label, find someone to  
explain it to you in detail.)

See Side Panel For Additional Cautions

ACTIVE INGREDIENT:

Monosodium Acid Methanearsonate .....	35.5%
INERT INGREDIENTS .....	64.5%
Total .....	100.0%

Contains 4.0 Lbs. MSMA Per Gallon.

Total Arsenic, all in water soluble form, expressed as elemental .....	16.4%
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Net Contents: 1 Gallon

EPA Reg. No. 1386-644  
EPA Est. No. 1386-OH-1



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PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING

Harmful if swallowed. Avoid contact with skin. Avoid breathing spray mist. Avoid storage near feed or food products.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- \*Coveralls over short-sleeved shirt and short pants
- \*Chemical-resistant gloves
- \*Chemical-resistant footwear plus socks
- \*Protective eyewear
- \*Chemical-resistant headgear for overhead exposure
- \*Chemical-resistant apron when cleaning equipment, mixing, or loading
- \*For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)
- \*For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

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/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statements: When handlers use enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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USER SAFETY RECOMMENDATIONS:

- \*Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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STATEMENT OF PRACTICAL TREATMENT

If taken internally, induce vomiting and call a physician at once.

READ ENTIRE LABEL BEFORE USING THIS PRODUCT. Use of this product in a manner not in accordance with the information on this label may injure or kill humans, domestic animals, wildlife, aquatic life, desirable plants, create excessive and unlawful residues or produce other undesirable results.

ENVIRONMENTAL HAZARDS

Do not contaminate waters used for domestic consumption or by animals, wildlife and aquatic life, or water used for irrigation purposes or where fish are found.

For terrestrial uses, 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 by disposal of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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 with 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 apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to 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 short-sleeved shirt and short pants
- \*Chemical-resistant gloves
- \*Chemical-resistant footwear plus socks
- \*Protective eyewear
- \*Chemical-resistant headgear for overhead exposure

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep children and domestic animals off treated areas until this material has been washed into the soil.

COTTON (Directed Spray Application) - Mix 5 pints of Panther Juice in 50 gallons of water. Apply 40 gallons of this mixture per acre. Thorough coverage of weeds and grass is absolutely necessary for maximum control. Adjust nozzles to direct the spray in a manner to allow maximum coverage of weeds. Keep spray off cotton foliage. Apply only when cotton is 3 inches high to first bloom.

**BAND TREATMENT** - Mix 5 pints Panther Juice in 50 gallons of water. Apply at the rate of 1 gallon of spray solution per each 1 inch of band width to be treated on cotton grown in 40 inch rows. (Example: For a 12 inch band apply 12 gallons per acre.) A second application may be required during humid growing conditions. Time the second application, if necessary, about 1 to 3 weeks after the first application. Adjust nozzles to direct the spray in a manner to allow maximum coverage of weeds. Keep spray off cotton foliage. Apply only when cotton is 3 inches high to first bloom.

**NON-CROP** - Panther Juice is useful for controlling Johnson grass, nut grass, water grass, goose grass and similar weeds on drainage ditch banks, rights-of-way, storage yards, and other non-crop areas. Mix at a rate of 5 pints Panther Juice in 50 gallons of water. No additional surfactant is necessary. Spray the unwanted vegetation thoroughly to the point of runoff. Use spray equipment that gives good coverage may be used. If regrowth occurs, retreat as required.

**GENERAL INFORMATION**

Panther Juice is a combination of herbicide and surfactant. It is unnecessary to add any other surfactant to the spray solution. Best results are obtained on young, actively growing weeds at air temperatures about 70° F.

**MIXING DIRECTIONS** - Panther Juice must be thoroughly dissolved. Fill the tank about half full with water, and with the pump operating, add the required amount of Panther Juice. Finish filling the tank with water and apply.

If preferred, Panther Juice can be premixed by dissolving the required amount in 3 to 5 gallons of water in an open head bucket. This premix should then be placed in the partially filled spray tank, and the tank filled.

**APPLICATION METHODS**

Panther Juice should be applied with a low volume sprayer, having satisfactory pumping and bypass action. Nozzles should be placed so as to avoid spraying the cotton foliage, but also to give thorough coverage of the weeds and grasses. Adjust nozzles to direct the spray in a manner to allow maximum coverage of weeds. Keep spray off cotton foliage.

**APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT APPLY AFTER FIRST BLOOM. DO NOT FEED TREATED FOLIAGE TO LIVESTOCK OR GRAZE TREATED AREAS.** Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the recommended treatment, but the cotton plant will develop normally.

**STORAGE AND DISPOSAL**

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

**PESTICIDE DISPOSAL** - Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

**CONTAINER DISPOSAL** - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY AND LIMITATION OF DAMAGES**

Seller warrants that this material conforms to its chemical description and is



reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.