

2853-38

02/23/1984

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James G. Nicholas
Vineland Chemical Company
P.O. Box 745
Vineland, NJ 08360

Dear Mr. Nicholas

FEB 23 1984

Subject: Methanearsonates Label Revision
Dal-E-Rad 120
EPA Registration No. 2853-26
Crab-E-Rad 120
EPA Registration No. 2853-27
Weed-Hoe 108
EPA Registration No. 2853-38
Your Submissions of January 25 and February 3, 1984

The amendments referred to above, submitted in connection with registration under FIFRA are acceptable, provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. For Weed-Hoe 108, ADD: "Do not apply with hose end applicators."
 - b. For Dal-E-Rad 120 and Crab-E-Rad 120, ADD under Environmental Hazards heading: "Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes." Also, DELETE "Run rinse water...away from...water sources."
 - c. For Crab-E-Rad 120, ADD: "Ornamental Turf" to front label heading, replacing "Turf."
2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

Richard F. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Enclosure

RD-FHB:DCR-32202:Mountfort:pac:Reven:537-2226:RD-39:2/21/84:Del.3/8/84

SYMBOL							
SURNAME							
DATE							

WEED-HOE 108

Liquid MSMA + Surfactant

ACCEPTED

with comment
FEB 23 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act

as amended by the Federal Food, Drug, and Cosmetic Act

Registration No. 2853-38

ACTIVE INGREDIENT:

Monosodium Acid Methanearsonate 47.8%

INERT INGREDIENTS: 52.2%

TOTAL 100.00%

Total Arsenic, as elemental, all in water soluble form 22.1%

MSMA per gallon 6.0 lbs

KEEP OUT OF REACH OF CHILDREN CAUTION:

FOR SALE, USE, AND STORAGE BY AGRICULTURAL AND PROFESSIONAL SERVICE PERSONNEL.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Wear protective clothing when handling or applying this product including long pants, long-sleeve shirt, and impermeable gloves and boots. Mixer-loaders should include an apron and full-face shield when handling or mixing concentrate. Flagmen should be fully protected during spray operations or mechanical flagmen used. Pilots and ground spray rig applicators should wear a mask or respirator approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health.

Harmful if swallowed or inhaled. Avoid breathing spray mist. (Coarse sprays are less likely to drift.) Avoid contact with eyes, skin or clothing. Causes eye irritation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children and domestic animals off treated areas until washed into soil.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin, wash with plenty of soap and water. Get medical attention if irritation persists.

If inhaled, remove victim to fresh air. Apply artificial respiration, preferably mouth to mouth, if indicated.

If in eyes, flush with plenty of water. Get medical attention if irritation persists.



VIKELAND CHEMICAL COMPANY

VINELAND, NEW JERSEY

NET CONTENTS 5 GALLONS

EPA Reg. No. 2853-38AA
EPA Est. No. 2853-NJ-1

ENVIRONMENTAL HAZARDS

Do not contaminate waters used by wildlife, aquatic life, domestic animals or waters used for irrigation. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PRODUCT INFORMATION: WEED-HOE 108 (MSMA plus SURFACTANT) is a liquid contact herbicide - effective through foliar absorption - used Post-Emergence for weed control in cotton.

WEED-HOE 108 contains a suitable surfactant designed for maximum wettability in spray solution. It is ready for use, only water need be added. No other wetting agent is necessary. For best results, spray weeds when they are actively growing and during air temperatures in excess of 70°F.

DIRECTIONS FOR USE

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

RECOMMENDED RATES FOR BAND TREATMENT OF COTTON

- (1) Mix at the rate of 3 quarts Weed-Hoe 108 in 90 gallons of water. For band treatment in cotton grown in 40 inch rows, apply at the rate of 1 gallon of the spray solution for each 1 inch of band width per acre.
- (2) Thoroughly mix solution prior to application. Add WEED-HOE 108 to water, mix by agitation or recirculation in spray tank.
- (3) Apply as a directed spray to weeds when cotton is 3 inches high and up to first bloom. Do not apply after first bloom.
- (4) Calibrate sprayer equipment to guarantee results. Spray nozzles should be adjusted to allow thorough coverage of weeds to just short of run-off with no contact with cotton foliage.
- (5) Should regrowth occur, a second application will be necessary and may be applied at the above rate 1 to 3 weeks after the first treatment.

NON CROP AREAS: WEED-HOE 108 may be used along drainage ditch banks, rights-of-way, implement storage yards and similar non crop areas.

- (1) Mix 3 to 6 quarts Weed-Hoe 108 in 100 gallons of water. Spray weeds thoroughly just short of runoff. NOTE: Use lower rate (3 qts.) when air temperature is 85° or more. Increase chemical rate proportionally when air temperatures are below 80°F. Follow mixing directions as for cotton.
- (2) If regrowth occurs, a second application will be required at an interval of between 1 to 3 weeks after first treatment.

FOR ORNAMENTAL TURF: WEED HOE when used as directed may be used with little or no injury in turf grass areas.

Do not treat new turf until after third mowing. Apply when weeds are actively growing. Do not use on Centipede, St. Augustine, or Bahia Grasses. DO NOT USE on Bent grass when temperatures are above 80°F. Bermuda, zoysia and bluegrasses are quite tolerant. MIX: 1-1/3 quarts (43 oz.) of WEED-HOE 108 in 50-100 gallons of water per acre, or 1 1/2 fluid ounces (2 1/2 tablespoons) of WEED-HOE 108 in 2 1/2-5 gallons water and apply to 1,000 square feet. Repeat application 5-7 days apart may be necessary for complete control.

WEED-HOE 108 is effective for controlling DALLISGRASS, JOHNSONGRASS, GOOSEGRASS, WATERGRASS, LOVEGRASS, BARNYARDGRASS, LEMONGRASS, CRABGRASS, NUTSEGE, SANDBUR, CHICKWEED, WITCHGRASS, CARPETGRASS, CENTIPEDE, ST. AUGUSTINE, COCKLEBUR, NUTGRASS, RAGWEED, PUNCTUREVINE, GREEN and YELLOW FOXTAIL and BAHIA GRASS.

Clean spray equipment after each use by flushing with water.

STORAGE AND DISPOSAL

PROHIBITION: Do not store near feed or food products.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.