



007401-00358-120883

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Systems Integration Group, Inc.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PM 23

7401-358

12/8/83

99175

Mr. Matthew D. Vickers
 Voluntary Purchasing Group, Inc.
 P.O. Box 460
 Bonham, TX 75418

DEC 8 1983

Dear Mr. Vickers:

Subject: Methanearsonates
 Ferti-lome Nutgrass Killer
 EPA Registration No. 7401-7
 Ferti-lome Nutgrass & Weed Killer
 EPA Registration No. 7401-31
 Ferti-lome Decimate + Surfactant
 EPA Registration No. 7401-45
 Hi-Yield DSMA Liquid Herbicide
 EPA Registration No. 7401-130
 Ferti-lome Liquid Nutgrass Killer
 EPA Registration No. 7401-168
 Hi-Yield Super Decimate
 EPA Registration No. 7401-215
 Ferti-lome Dandelion and Crabgrass Killer
 EPA Registration No. 7401-263
 Ferti-lome Bermuda Grass Weeder
 EPA Registration No. 7401-332
 Hi-Yield Herbicide
 EPA Registration No. 7401-358
 Ferti-lome Improved Bermuda Grass Weeder
 EPA Registration No. 7401-366
 Your Submission dated November 22, 1983

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. Change the statement to read - Keep children and pets off treated area until material is washed into soil.
 - b. Under the human hazard statement, change the first sentence to read - Harmful if swallowed. For EPA Registration No. 7401-358,

CONCURRENCES

SYMBOL ▶							
SURNAME ▶							
DATE ▶							

2/5

your previously accepted labeling read - Harmful if swallowed or inhaled.

- c. For registration 7401-263, reinstate - Causes irritation of eyes and skin.
- 2. Submit one (1) copy of your final printed label for each product before you release the product for shipment.

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

Sincerely yours,

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

Enclosure

DCR-10811:Mountfort:12/7/83:del.12/19/83:RD-17:tar

with comments
 DEC 8 1983
 U.S. Dept. of Agriculture
 Agricultural Research Service
 7401-358

Hi-Yield_R

HERBICIDE

°MSMA, Sodium Cacodylate and Cacodylic Acid
 Liquid Plus Surfactant
 °For General Post-Emergent Weed Control

ACTIVE INGREDIENTS:

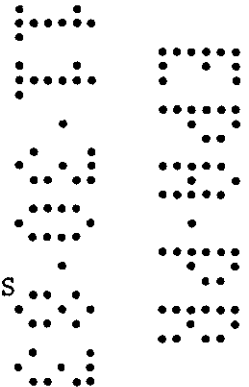
*Monosodium Acid Methanearsonate.....	26.02%
Sodium Cacodylate.....	10.47%
Dimethylarsinic Acid (Cacodylic Acid)	1.80%
INERT INGREDIENTS:.....	61.71%
TOTAL.....	100.00%

* Total arsenic (as elemental) all in water
 soluble form..... 17.92%
 (Product Contains 3.00 lbs. MSMA and 1.25 lbs.
 Cacodylic Acid equivalent per gallon)

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS



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

Hi-Yield Herbicide is a special formulation of herbicides in combination with surface active (wetting) agent, for general post-emergent weed control. It is unnecessary to add any other surfactant to the spray solution. This product is effective on both broadleaf weeds and grasses. The phytotoxic properties of these materials are quickly inactivated on contact with the soil. Best results are obtained on young actively growing weeds at air temperatures above 70°F.

Hi-Yield Herbicide is a post-emergent herbicide useful for controlling broadleaf weeds and grasses, such as puncturevine, wild mustard, wild oats, chickweed, sandbur, common ragweed, pigweed, crabgrass, lambsquarter, common plantain, prostrate quurge, giant foxtail and yellow foxtail; and to top-kill certain perennials such as johnson grass, dallisgrass and nutsedge.

Hi-Yield Herbicide is useful for general weed control on drainage ditchbanks, right-of-ways, fence rows and storage yards; along highways, utility lines and pipe lines; around power plants and buildings, and on similar non-crop areas.

MIXING INSTRUCTIONS: Hi-Yield Herbicide is completely water soluble. Fill the spray equipment tank about half full with water and add ther required amount of herbicide with agitation. Finish filling the tank with water and apply.

Use Hi-Yield Hervicide at the rate of 1 to 2 gallons per acre in sufficient water to get full coverage. Ground application normally requires 40 to 100 gallons of spray solution per acre. Any spray equipment that gives good coverage may be used. If regrowth occurs, apply as required.

Bindweed (Morningglory) control: Use 1½ to 2 gallons Hi-Yield Hervicide in 50 to 100 gallons of water per acre. Make first application at first bloom, wetting foliage just short of run-off. Repeat application as needed for top-kill, but limit to three applications.

STORAGE AND DISPOSAL

STORAGE: Do not store near food or feedstuffs. Do not store near fertilizer, seed, insecticide or fungicide. Store in original container and place in a locked storage area.

DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Pesticide 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, of 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 by other procedures approved by state and local authorities.

CARE OF EQUIPMENT: Although Hi-Yield Herbicide is only moderately corrosive, do not use in galvanized or aluminum equipment. After use, clean equipment thoroughly by flushing with water. Discard rinse water according to pesticide disposal procedures.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: May be harmful or fatal if swallowed. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Keep children and pets off treated area until foliage is dry. Wear protective clothing when handling or apply 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.

STATEMENT OF PRACTICAL TREATMENT

- If swallowed - Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two 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 inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.
- If on skin - Remove contaminated clothing and wash affected areas with soap and water.
- If in eyes - Flush eyes with plenty of water. Call a physician immediately.

ENVIRONMENTAL HAZARDS

Do not apply directly into water. Keep out of lakes, streams, and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

*Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

Voluntary Purchasing Groups, Inc.
Bonham, Texas

EPA Est. No. 7401-TX-1

EPA Reg. No. 7401-358

NET CONTENTS 5 GALLONS

