

PM22

5905-66

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

FEB 10 1994

JUDY OLDHAM
HELENA CHEMICAL COMPANY
6075 POPLAR AVE.
SUITE 500
MEMPHIS, TN 38119

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 8/17/93 In Response to PR Notice 93-7
EPA Reg. No. 5905-66
HELENA BRAND MSMA PLUS

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

2018

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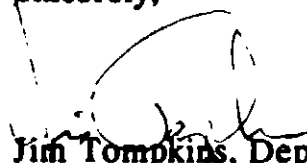
Submit the final printed labeling via the U.S. Postal Service to:

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

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Judy Oldham
HELENA CHEMICAL CO
6075 POPLAR AVE SUITE 500
MEMPHIS TN 38119

Comment for: EPA Reg Nr.5905-66
HELENA BRAND MSMA PLUS

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

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.

Delete the crossed-out statements on your proposed label. They are redundant statements or phrases.

Chemical-resistant headgear is not required on current label or by toxicity levels for mixers/loaders.

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MSMA PLUS

**MONOSODIUM ACID METHANEARSONATE PLUS SURFACTANT
FOR POST-EMERGENT WEED CONTROL IN COTTON**

ACTIVE INGREDIENTS:

Monosodium Acid Methanearsonate 35.43%

INERT INGREDIENTS: 64.57%

TOTAL 100.00%

Total Arsenic as elemental all in water soluble form 16.36%

This product contains 4 lbs. MSMA per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE OTHER CAUTION STATEMENTS ON SIDE PANEL

EPA REG. NO.: 5905-66

EPA EST. NO.: *

NET CONTENTS:

ACCEPTED
with COMMENTS
in EPA Letter Dated

**MANUFACTURED BY
HELENA CHEMICAL COMPANY
MEMPHIS, TN 38119**

FEE 10 1001
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
590566

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
CAUTION

Harmful if swallowed, avoid breathing spray mist. May cause irritation of nose, throat and skin. Avoid contact with eyes, skin and clothing. Do not contaminate feed and food stuffs.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. 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 SPLASHED IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation develops.

IF SPILLED ON SKIN: ~~Immediately remove contaminated clothing, INCLUDING SHOES,~~ and wash skin with soap and plenty of water. If irritation develops, send for a physician.

PERSONAL PROTECTIVE EQUIPMENT

Applicator and other handlers (other than mixers and loaders) must wear:

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

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).

Mixers and Loaders must wear:

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

Protective eyewear
Chemical-resistant headgear ~~_____~~ ?

Chemical-resistant apron when mixing and 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).

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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.

When handlers use closed systems, 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.

User Safety Recommendations:
User should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of waste.

CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation system.

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
- Waterproof gloves
- Shoes plus socks.

BEST AVAILABLE COPY

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 agriculture pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses.

Keep children and pets out of treated area until sprays have dried.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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.

APPLICATION METHODS

MSMA PLUS 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 good coverage. Adjust nozzles to allow maximum coverage of weeds and grasses.

MIXING INSTRUCTIONS

MSMA PLUS Herbicide must be thoroughly dissolved. Fill the spray tank about half full with water, and with the pump operating, add the required amount of **MSMA PLUS** Herbicide. Finish filling the tank with water and apply.

If preferred, **MSMA PLUS** Herbicide can be pre-mixed by dissolving the required amount of **MSMA PLUS** in 3 to 5 gallons of water in an open head bucket. This pre-mix should then be placed in the partially filled spray tank, and the tank filled.

Do not store spray solution in tank for a prolonged period, and clean application equipment thoroughly after use by flushing with water.

COTTON: **MSMA PLUS** is useful as a directed post-emergence spray for controlling weeds in cotton such as Johnsongrass, Cocklebur, nutgrass, goosegrass, watergrass and dallisgrass.

Mix at rate of 4 pints (2 quarts) of **MSMA PLUS** in 40 gallons of water. Apply as a directed broadcast spray at a rate of 40 gallons of this solution per acre. Keep spray off cotton foliage. **MSMA PLUS** is a combination of a suitable non-ionic surfactant (wetting agent) and herbicide. **IT IS NOT NECESSARY TO ADD ANY OTHER SURFACTANT TO THE SPRAY SOLUTION.** For band applications, apply at a rate of one gallon of spray mixture for each one inch of band width to be treated on cotton grown on a 40 inch row basis. A second or repeat application, if needed, should be timed about 1 to 3 weeks after the first application.

Apply only when cotton is 3 inches high to first bloom. Do not apply after first bloom. Do not feed treated forage to livestock, or graze treated areas.

Slight burning and reddish discoloration of cotton may occasionally be seen following recommended treatment, but cotton will develop normally. Yield will not be affected.

NON-CROP USES: MSMA PLUS has been found to be useful and effective in controlling johnsongrass, cocklebur, nutgrass, watergrass, goosegrass, dallisgrass and certain other weeds on drainage ditchbanks, fence rows, rights-of-way, storage yards, and similar non-crop areas. Do not contaminate waters used for domestic consumption or by animals, wildlife and aquatic life, or water used or irrigation purposes.

Mix at rate of 4 pints (2 quarts) of MSMA PLUS in 40 gallons of water. It is not necessary to include additional surfactant (wetting agent). Spray undesirable vegetation thoroughly to the point of runoff. Adequate coverage and complete wetting of foliage is very important. Repeat applications may be necessary if re-growth occurs.

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man, or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages or any other recovery of any kind against the Company exceed the price of the product which causes the alleged loss, damage, injury, or other claim. The Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income.

The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability, and remedies.

***ESTABLISHMENT NUMBER STATEMENT**

First letters of product batch code indicate producing establishment

5905-FL-1=TF	5905-GA-1=CG	5905-AR-1=WA
5905-OK-1=AO	5905-TX-2=AT	5905-CA-1=KC