

Reg # 100-553

PM-22

file 1/7/10



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

THOMAS J. PARSHLEY
CIBA-GEIGY CORP.
P.O. BOX 18300
GREENSBORO, N.C. 27419

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 9/28/93 Response to PR Notice 93-7
EPA Reg. No. 100-553
COTORAN + MSMA WITH SURFACTANT HERBICIDE

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 Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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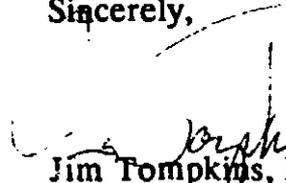
Submit the final printed labeling via the U.S. Postal Service to:

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

(WPS)

Cotoran® + MSMA with Surfactant

Herbicide

For postemergence weed control in cotton

One Gallon
U.S. Standard Measure

SHAKE WELL BEFORE USING

Use entire contents at one time

Active Ingredients:

Fluometuron: 1,1-dimethyl-3-	
(α,α,α -trifluoro- <i>m</i> -tolyl) urea	13.2%
Monosodium acid methanearsonate*	27.6%
<u>Inert Ingredients:</u>	<u>59.2%</u>
Total:	100.0%

*Total arsenic, as elemental, all in water soluble form, 12.7%.

This mixture contains 2 lbs. Cotoran 80W and 3.3 lbs. MSMA (6 lbs. DSMA equivalent) per gal.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements on back of panel.

EPA Reg. No. 100-553

See directions for use on back panel.

Ciba-Geigy †

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 7 1994

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

100-553

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DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.

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 other persons, either directly or 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 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Chemical-resistant footwear plus socks
- Protective eyewear

General Information

Cotoran + MSMA with Surfactant is effective for postemergence control of broadleaf and grass weeds in cotton, such as:

Grass Weeds

Barnyardgrass	Dallisgrass	Johnsongrass
<u>Brachiaria</u> spp.	Fall panicum	Nutgrass
Crabgrass	Foxtail	Ryegrass
Crowfootgrass	Goosegrass	Sandbur

Broadleaf Weeds

Buttonweed	Morningglory	Purslane
Cocklebur	Pigweed	Ragweed
Florida pusley	Prickly sida	Sesbania
Goathead	(ironweed or	Sicklepod
Jimsonweed	teaweed)	Smartweed
Lambsquarters	Puncturevine	Tumbleweed

Band Treatment

For band applications, the following formula may be used to calculate the amount of Cotoran + MSMA with Surfactant required:

$$\frac{\text{band width (inches)}}{\text{row width (inches)}} \times 0.5 \text{ gal. per acre} = \text{gals. needed per acre}$$

Equipment

Use conventional spray equipment with 80° fan-type nozzles. Screen size should be 50-mesh.

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

Mixing Instructions

Cotoran + MSMA with Surfactant is a highly concentrated formulation and should be thoroughly shaken before mixing. Pour recommended amount of Cotoran + MSMA with Surfactant into nearly filled spray tank or premix in a bucket half filled with water and pour mixture into nearly filled spray tank.

By-pass agitation should terminate at the bottom of the tank to minimize foaming. Avoid leaving spray mixture in tank without constant agitation.

Do not add surfactant to the mix or damage may result.

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After use, clean equipment thoroughly. Do not contaminate water by cleaning of equipment or disposal of wastes.

Application

Apply Cotoran + MSMA with Surfactant at the broadcast rate of 1/2 gal. per acre, in 25 to 40 gals. of water per acre. Direct spray to the base of the cotton plants, avoiding the cotton foliage. Apply only when cotton is 3 inches high to first bloom. Best results are obtained when applied to young, actively growing weeds at air temperatures above 70°F.

Precaution: Do not make more than two applications of Cotoran + MSMA with Surfactant to the same crop or field in any one year.

Slight burnings and a reddish discoloration of the cotton leaf may occur occasionally following treatment with products containing MSMA, but the cotton plants will develop normally.

West Texas Only: Do not use this product on sand, loamy sand, or fine sandy loam soils.

Note: ~~Keep children and livestock off treated areas until this material has been washed into the soil.~~ Do not graze treated field or feed plants or gin trash from treated areas to livestock. Do not plant crops other than cotton within one year after last application, or crop injury may result. Do not apply within 60 days of harvest.

Storage and Disposal

Do not store or dispose of pesticide, spray mixture, or rinsate in a manner that is likely to result in contamination of water, food, feed, other pesticides, seed, or fertilizer, or is otherwise likely to result in accidental ingestion by humans or domestic animals.

Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions, must be disposed of according to federal, state, or local procedures under the Resource Conservation and Recovery Act. For guidance in proper disposal methods, contact your state pesticide or environmental control agency, or the Hazardous Waste representative at the nearest U.S. EPA Regional Office.

Triple rinse container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a

sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-800-888-8372 day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

May be fatal if absorbed through skin. Causes eye irritation. Do not get in eyes, on skin, or on clothing. Wear protective clothing as specified under Directions for Use on this label. Harmful if swallowed or inhaled. Avoid breathing vapor or spray mist.

First Aid: If on skin, wash with plenty of soap and water. Get medical attention. 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 in eyes, flush with plenty of water. If inhaled, move to fresh air.

Personal Protective Equipment:

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear

- Chemical-resistant apron when cleaning equipment, mixing, or loading
- For exposure 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 exposure outdoors, dust/mist filtering respirator (MSHA/NIOSH) approval number prefix TC-21C)

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 Control Statements:

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:

Users 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

This product is toxic to wildlife. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

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Cotoran® trademark of Ciba-Geigy for fluometuron

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Ciba Plant Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

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Revised	March 2, 1988
Revised	September 21, 1993

[GANNONC.LABELC]COTMSMAW - 9/23/93