

524-467

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
524-467

Date of Issuance:
DEC 15 1994

Term of Issuance:
Conditional;

Expires: JUL 31 1997

Name of Pesticide Product:
MON 12000 Herbicide

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Monsanto Company
700 14th Street, N.W., Suite 1100
Washington, D.C. 20005

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit data required to change this registration to an unconditional FIFRA sec. 3(c)(5) registration. The required data are listed in item #2 through 7.
2. Submit acceptable aquatic plant studies to fulfill Guideline Series 123-2. We acknowledge that studies to fulfill this requirement have been submitted and are currently pending Agency review.
3. Submit acceptable aquatic organism chronic toxicity studies to fulfill Guideline Series 72-4. These studies must be submitted no later than March 15, 1996.
4. Submit an acceptable protocol for a small scale prospective groundwater monitoring study (\$166-1). The protocol must be submitted no later than February 1, 1995. Once the protocol is accepted by the Agency, the study is due within two (2) years of the date of such acceptance. Please refer to the Agency review dated September 16, 1994 regarding the environmental fate and groundwater data for details concerning the requirements for this study.

Signature of Approving Official:

Date:

DEC 15 1994

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5. Submit an acceptable analytical method for detection of residues in meat and meat by-products. We acknowledge that methods to fulfill this requirement has been submitted and are currently pending Agency validation.

6. Submit the following toxicology studies performed on the metabolite 3-chlorosulfonamide acid:

- a. 90-Day feeding study in the rat (82-1). This study must be submitted no later than March 15, 1996.
- b. Developmental toxicity in the rat [83-3(a)]. This study must be submitted no later than March 15, 1996.
- c. The three standard mutagenicity studies [84-2(a), 84-2(b), and 84-4]. These studies must be submitted no later than December 15, 1995.

7. Literature search and telephone survey with state and federal field agents and other sources (i.e., Nature Conservancy and Universities) to identify locations of selected endangered plants relative to sorghum/turf sites to be determined by the Environmental Fate and Effects Division. We note that corn and potato surveys are being performed by other registrants and that Monsanto is only responsible for the sorghum/turf surveys. This information is due to the Agency by January 31, 1996. The elements listed below are to be followed for this investigation:

- a. In general, Monsanto will seek to obtain the most specific information available as to where endangered plants are located relative to the use sites and provide as much descriptive information regarding the location of sorghum/turf use and endangered wetland plant sites (i.e., sorghum or turf field located "X" miles from "XX" Road, and endangered wetland plant located 1/2 mile north of Highway "XXX").
- b. Monsanto will contact the Agency before initiating this investigation and provide quarterly interim reports.
- c. Monsanto will identify and call experts that are knowledgeable about specific locations of endangered plant species. Experts are expected to inform Monsanto as to the likelihood of endangered plants being located in a certain county.
- d. If a particular endangered plant has been seen or found in a particular county, Monsanto will probe further until the specific location of the plant is determined.

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- e. Information, such as if the endangered plant is located up or downstream from a use site, should be provided. If a plant is upstream from the use site and falls within the distance of concern (i.e., half a mile from the field), then the Agency may conclude that a "may affect" does not exist in this situation.
 - f. Monsanto will promptly notify the agency if an endangered plant is found very near a sorghum or turf field.
8. Make the following label changes before you release the product for shipment:
- a. Revise the EPA Registration Number to read, "EPA Reg. No. 524-467".
 - b. Delete the reference to "sugarcane (export only)" from the list of acceptable uses for end-use products may be used when manufactured with this technical product.
 - c. Add the appropriate Net Contents statement.
9. Submit one copy of the revised final printed label for the record before you release this product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Joanne I. Miller
 Product Manager (23)
 Fungicide-Herbicide Branch
 Registration Division (7505C)

Enclosure

DK: 305-7546 EHD/PA23		CONCURRENCES					
SYMBOL	7505C						
SURNAME	D. KENNY						
DATE	12/15/91						

MON 12000 Herbicide

By Monsanto

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children.

CAUTION!

HARMFUL IF ABSORBED THROUGH SKIN

Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID: IF ON SKIN, wash thoroughly with soap and water. Get medical attention.

In case of emergency involving this product, Call Collect, day or night, (314) 694-4000.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the

permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

Only for formulation into a herbicide for the following uses: field corn, turf, grain sorghum (milo) ~~and sugarcane (export only).~~

STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with Federal, state or local procedures.

Emptied container ret residue. Observe all container is cleaned, re Triple rinse emptied c recycling or reconditl dispose of in a sanit procedures approved authorities.

ACTIVE INGREDIENTS:

Methyl 5-[[[4, pyrimidinyl)amli sulfonyl]-3-chl H-pyrazole-4-ca

INERT INGREDIENTS .

EPA Reg. No. 524-UAT

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EPA Est. No. 33906-JP

ACCEPTED
with COMMENTS
In EPA Letter Dated

DEC 15 1994

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

524-467