

100-529

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APR 11 1992

Thomas J. Parshley
 Regulatory Manager
 CIBA-GEIGY Corporation
 Agricultural Division
 P.O. Box 18300
 Greensboro, NC 27419

Dear Mr. Parshley:

Subject: Atrazine Technical
 EPA Registration No. 100-529
 Re: Label Amendment (Surface Water Risk Reduction)
 Your Submission Dated April 6, 1992

The amended labeling referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling within 30 days of the date printed on this letter.
3. Make label revisions specified below:
 - a. On page 4 of subject labeling, please revise the statement "If this product is used to formulate lawn care products..." to read "If this product is used to formulate lawn care or turf products the following restrictions do not apply"
 - b. On page 4 of subject labeling please include the following under the list of restrictions:

BEST AVAILABLE COPY

CONCURRENCES

SYMBOL	H7505C	H7505C	SCB H7508W	H7508W	H7508W	H7507C	H7505C	
SURNAME	McCall	Jordan	Pearce	McQueen	Hansen	Sanders	Anderson	
DATE	4/9/92	4/9/92	04/13/92	4/14/92	4/14/92	4/10/92	4-24-92	

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"RESTRICTED USE PESTICIDE
GROUND AND SURFACE WATER CONCERNS

FOR RETAIL TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

THIS PRODUCT IS A RESTRICTED USE HERBICIDE DUE TO GROUND AND SURFACE WATER CONCERNS. USERS MUST READ AND FOLLOW ALL PRECAUTIONARY STATEMENTS AND INSTRUCTIONS FOR USE IN ORDER TO MINIMIZE POTENTIAL FOR ATRAZINE TO REACH GROUND AND SURFACE WATER."

- c. On page 5 of subject labeling please delete number 7: "At these rates only partial control (suppression) of velvet leaf will occur...." The Agency has no objection to this statement appearing on your end-use product labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Please note that after August 1, 1992, no technical atrazine product may be released for shipment without the above mentioned accepted labeling. It will be considered a violation of the revised technical label to formulate end use products after that date which do not bear the new labeling.

Please contact me if you have any questions regarding this matter.

Sincerely yours,

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (H7505C)

POST AVAILABLE COPY

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CIBA-GEIGY
Technical Atrazine

Net Weight
44.1 Pounds Per Bag

ACCEPTED
with COMMENTS
in EPA Letter Dated:

11 - 4 1992

A Herbicide for Manufacturing
Use Only

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

100-529

Active Ingredients:	
Atrazine: 2-chloro-4-ethylamino- 6-isopropylamino-s-triazine	92.15%
Related compounds	4.85%
<u>Inert Ingredients:</u>	<u>3.00%</u>
Total:	100.00%

Keep Out of Reach of Children.

Storage and Disposal

Pesticide Storage and Disposal

Store in a dry place. Do not contaminate water, food or feed by storage, disposal, or cleaning of equipment. Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Container Disposal

Completely empty bag. Dispose of empty bag in a sanitary landfill or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep 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

Harmful if swallowed, inhaled, or absorbed through skin. Do not breathe dust. Avoid contact with eyes, skin or clothing.

Statement of Practical Treatment

If swallowed: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention.

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

Note to Physician: There is no specific antidote for atrazine. If this product is ingested, induce emesis or lavage stomach. The use of an aqueous slurry of activated charcoal may be considered.

Environmental Hazards

This pesticide is toxic to aquatic invertebrates. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

EPA Reg. No. 100-529

EPA Est. 100-LA-1

Control No. 79450

CIBA-GEIGY

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. If terms are not acceptable, return the unopened product container at once.

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.

No end use of this product other than manufacturing is intended or implied by the above Conditions of Sale and Warranty.

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DIRECTIONS FOR USE

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

Formulators are responsible for obtaining EPA registration for their end use product(s). Refer to the Technical Bulletin for AAtrex® Herbicide for information regarding methods of formulation, toxicity, physical properties, chemistry, effectiveness of the product, and any special restrictions or limitations relevant to its use.

This product can only be used to formulate products with agricultural weed control directions if the labeling for such end use products contains a restricted use classification and the following information and/or revised use directions. This product may not be used to formulate into end-use products for non-selective weed control on noncrop land.

If this product is used to formulate lawn care products the following restrictions do not apply.

1. Users are required to wear long sleeve shirts and long pants or equivalent, chemical resistant gloves, and boots (waterproofed). In addition, persons involved in mixing/loading operations are required to use heavy-duty chemical resistant gloves or neoprene gloves and a face shield or goggles.
2. Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.
3. This product may not be mixed/loaded or used within 50 feet of all wells, including abandoned wells, drainage wells, and sink holes. This product may not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs. This product may not be applied aerially or by ground within 66 feet of the points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 ft. around natural or impounded lakes and reservoirs. If this product is applied to highly erodible land, the 66 foot buffer or setback from runoff entry prints must be planted to crop, seeded with grass or other suitable crop.
4. Postemergence application to corn and sorghum must be made before corn and sorghum reaches 12 inches in height.
5. Applications for grass suppression in corn and sorghum are restricted to a spring application only. No fall applications are permitted.

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- 6. A) For soil applications prior to crop emergence (i.e., early preplant, preplant incorporated, preplant surface, at planting or preemergence).
 - i) On highly erodible soils (as defined by Soil Conservation Service (SCS), if conservation tillage is utilized [$\geq 30\%$ plant residue] the maximum rate is 2 pounds a.i./A. If plant residue is $< 30\%$, the maximum rate is 1.6 pounds a.i./A.
 - ii) On soils not highly erodible, the maximum rate is 2 pounds a.i./A.
- B) For postemergence applications, if there has been no previous soil application for that crop, the maximum rate is 2 pounds a.i./A. If there has been a previous soil application to that crop, do not exceed a total of 2.5 pounds a.i./A/calendar year.

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At these rates only partial control (suppression) of velvetleaf will occur on medium- and fine-textured soils.

- 8. Do not apply this product through any type of irrigation system.
- 9. Where there are state/local requirements regarding atrazine use (including lower maximum rates and/or set-backs) which are different from the label, the more restrictive/protective requirements must be followed.

AAtrex® trademark of CIBA-GEIGY for atrazine

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Agricultural Division
CIBA-GEIGY Corporation
Greensboro, North Carolina 27419

CGA 7L62E 022 (DRAFT)

	February 7, 1984
Revised	January 7, 1986
Revised	October 21, 1988
Revised	February 9, 1990
Revised	February 10, 1992

[GANNONC.LABELA]ATRZN-T-F40 - 4/3/92