

100-529

10/06/2003

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

OCT - 6 2003

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Thomas Parshley  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419-8300

Dear Mr. Parshley:

Subject: Atrazine Technical  
EPA Registration Number 100-529  
Application dated August 28, 2003

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable, provided you make the following changes before you release the product for shipment.

1. Under STORAGE AND DISPOSAL, there must be 3 subheadings: Pesticide Storage, Pesticide Disposal, and Container Disposal, with corresponding text following.
2. Move the phrase "Do not contaminate water, food, or feed by storage and disposal" to directly following the heading STORAGE AND DISPOSAL, and before Pesticide Storage.
3. Modify the statement about "restricted use for turfgrass" so that it applies only to products containing more than 4 % atrazine.

Submit three (3) copies of final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling will supercede all previously accepted ones. A stamped copy of labeling is enclosed for your records.

Sincerely,

A handwritten signature in black ink, appearing to read "James A. Tompkins".

James A. Tompkins, haj  
Product Manager 25  
Herbicide Branch  
Registration Division (7505C)

(6 X 8 in label)

Atrazine Technical

A Herbicide for Manufacturing  
Use Only

Active Ingredients:

Atrazine: 2-chloro-4-ethylamino- 6-isopropylamino-s-triazine .....	96.0%
<u>Related Compounds.....</u>	<u>2.0%</u>
<u>Other Ingredients: .....</u>	<u>2.0%</u>
Total:	100.0%

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use on label.

EPA Reg. No. 100-529

EPA Est. 100-LA-001

44.1 Pounds  
Net Weight

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 6 2003

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

100-529

<b>FIRST AID</b>	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b>	
For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call <b>1-800-888-8372</b>	

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## **PRECAUTIONARY STATEMENTS**

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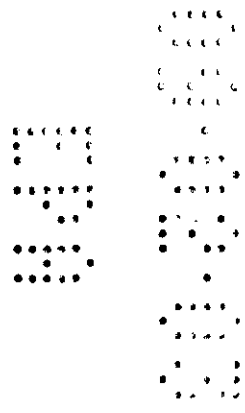
### **Hazards to Humans and Domestic Animals**

#### **CAUTION**

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

**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 Pollutant 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.



**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

### DIRECTIONS FOR USE

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

Only for formulation into a herbicide for the following uses: corn, sorghum, chemical fallow, sugarcane, macadamia nuts, guava, turfgrass, roadsides, and conifers.

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 nonselective weed control on noncrop land.

If this product is used to formulate turf and/or lawn care products, the following restrictions do not apply.

1. **Restricted Use Pesticide - (Ground and Surface Water Concerns)**

For retail sale to and use only by certified applicators or persons under their direct 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.

2. **Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.**

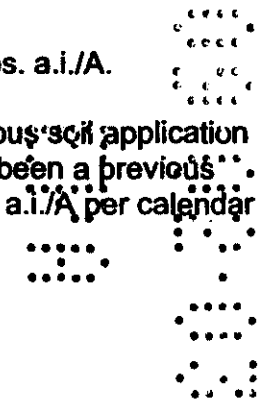
3. **This product may not be mixed/loaded or used within 50 ft. of all wells, including abandoned wells, drainage wells, and sink holes. Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 ft. of any well are prohibited, unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks.**

container or equipment rinse or wash water, and rain water that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum of 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above-specified minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site.

States may have in effect additional requirements regarding well-head setbacks and operational area containment.

This product may not be mixed or loaded within 50 ft. of intermittent streams and rivers, natural or impounded lakes and reservoirs. This product may not be applied aerially or by ground within 66 ft. 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-ft. buffer or setback from runoff entry points 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 quackgrass suppression in corn and sorghum are restricted to a spring application only. No fall applications are permitted.
- 6. A. For soil applications prior to crop emergence (i.e., early preplant, preplant incorporated, preplant surface, at planting, or preemergence).
  - a. 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 lbs. a.i./A. If plant residue is  $< 30\%$ , the maximum rate is 1.6 lbs. a.i./A.
  - b. On soils not highly erodible, the maximum rate is 2 lbs. a.i./A.
- B. For postemergence applications, if there has been no previous soil application for that crop, the maximum rate is 2 lbs. a.i./A. If there has been a previous soil application to that crop, do not exceed a total of 2.5 lbs. a.i./A per calendar year.



- 7. Do not apply this product through any type of irrigation system.
- 8. 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.

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**STORAGE AND DISPOSAL**

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**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.

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SCP 529A-L109 DRAFT (Product ID 53295)

	November 20, 1985
Revised	January 1986
Revised	February 15, 1990
	(Combine Interplant and 3rd Party -
	Atrazine Exp. Red. Measures)
Revised	April 10, 1992



	(SW mit. measures)
Revised	May 24, 1993 (PR 91-8)
Revised	June 6, 1994 (delete 91-8; add 93-10)
Revised	January 7, 1997 (revise label size)
Revised	February 20, 1997 (change co. name)
Revised	October 4, 1999 (revised ingredients)
Revised	May 6, 2002 (Syngenta format)

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