



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 10, 2021

Mandy K. Styles
Registration Manager
Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113

Subject: Registration Review Label Amendments for Atrazine Incorporating Mitigation Measures from the Interim Decision and the Technical Registrants' Commitments for the Endangered Species Act (ESA) Biological Evaluation
Product Name: Atrazine Technical 2
EPA Registration Number: 19713-565
Application Date: June 4, 2021
Decision Number: 576243

Dear Ms. Styles:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Atrazine Interim Decision and with the technical registrants' commitments for the ESA Biological Evaluation. The Agency has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40

Page 2 of 2
EPA Reg. No. 19713-565
Decision No. 576243

CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Ana Pinto at pinto.ana@epa.gov.

Sincerely,



Kelly Sherman
Chief, Risk Management and Implementation
Branch III (RMIB III)
Pesticide Re-Evaluation Division
Office of Pesticide Programs
U.S. Environmental Protection Agency

Enclosure

ACCEPTED

11/10/2021

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 19713-565

Drexel

Atrazine Technical 2

A Herbicide for Manufacturing Use Only

ACTIVE INGREDIENTS:

Atrazine	96.0%
Related compounds	2.0%

OTHER INGREDIENTS: 2.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

[See FIRST AID Below]
[See Side Panel for FIRST AID]
[See Back Panel for FIRST AID]
[See Page ____ for FIRST AID]

EPA Reg. No. 19713-565

EPA Est. No. XXX-XXX-X

Net Content: ____ KG/ ____ LBS.

FIRST AID

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call CHEMTREC at 800-424-9300 for emergency medical treatment information.

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.

566SP-0621*P

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Do not breathe dust or mist. Wash thoroughly with soap and water after handling and before eating or drinking. Remove contaminated clothing and wash before reuse.

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.

DIRECTIONS FOR USE

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

This product may only be formulated into end-use products that contain the following language and restrictions on their labeling when they are released for shipment:

Description	Required Label Language for All Atrazine End-Use Labels (unless otherwise specified)	Placement on Label								
Endangered Species Language For all products, excluding those labeled/registered solely for homeowner use	“Endangered Species It is a Federal offense to use any pesticide in a manner that results in an unauthorized “take” (e.g., kill or otherwise harm) of an endangered species under the Endangered Species Act section 9. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult http://www.epa.gov/espp/ , call 1-844-447-3813, or email ESPP@epa.gov . You must use the Bulletin valid for the month in which you will apply the product.”	Directions for Use, under the heading “Endangered Species”								
Use Site Restriction	“Not for use in the states of Hawaii or Alaska, or in the U.S. territories (Puerto Rico, Guam, American Samoa, the U.S. Virgin Islands, and the North Mariana Islands)	Restrictions Section under Direction for Use								
Use Prohibition For all products previously registered for these use patterns	“Use on roadsides; Conservation Reserve Program (CRP) land; conifers, including Christmas Tree plantings; timber; forestry; and, Miscanthus and other perennial bioenergy crops is prohibited.”	Restrictions Section under Directions for Use								
Use Site Restriction For products that allow fallow use	“Users must only apply to fallow land in the following states according to the prescribed rotation pattern in the table below: <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: center;">Fallow Rotation Pattern</th> <th style="text-align: center;">Fallow Use Authorized in these States only</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Wheat-Corn-Fallow</td> <td style="text-align: center;">CO, KS, ND, NE, SD & WY</td> </tr> <tr> <td style="text-align: center;">Wheat-Fallow-Wheat</td> <td style="text-align: center;">CO, KS, ND, NE, SD & WY</td> </tr> <tr> <td style="text-align: center;">Wheat-Sorghum-Fallow</td> <td style="text-align: center;">AR, CO, GA, IL, KS, LA, MS, MO, NE, NM, NC, OK, SD & TX</td> </tr> </tbody> </table>	Fallow Rotation Pattern	Fallow Use Authorized in these States only	Wheat-Corn-Fallow	CO, KS, ND, NE, SD & WY	Wheat-Fallow-Wheat	CO, KS, ND, NE, SD & WY	Wheat-Sorghum-Fallow	AR, CO, GA, IL, KS, LA, MS, MO, NE, NM, NC, OK, SD & TX	Restrictions Section under Direction for Use
Fallow Rotation Pattern	Fallow Use Authorized in these States only									
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Wheat-Fallow-Wheat	CO, KS, ND, NE, SD & WY									
Wheat-Sorghum-Fallow	AR, CO, GA, IL, KS, LA, MS, MO, NE, NM, NC, OK, SD & TX									

Description	Required Label Language for All Atrazine End-Use Labels (unless otherwise specified)	Placement on Label
Spray Drift Management Application Restrictions for all products delivered via liquid spray application and allow aerial application	<p>“MANDATORY SPRAY DRIFT MANAGMENT</p> <p><u>Aerial Applications:</u></p> <ul style="list-style-type: none"> • Applicators are required to use a coarse or coarser droplet size (ASABE S572). • User must maintain a 150 foot (46 meter) in-field downwind buffer (in the direction in which the wind is blowing) from the edge of streams and rivers, as well as high-tide line for all estuarine/marine environments.” 	Directions for Use, in a box titled “Mandatory Spray Drift Management” under the heading “Aerial Applications”
Spray Drift Management Application Restrictions for products that are applied as liquids and allow ground boom applications	<p>“MANDATORY SPRAY DRIFT MANAGMENT</p> <p><u>Ground Boom Applications:</u></p> <ul style="list-style-type: none"> • Applicators are required to use a coarse or coarser droplet size (ASABE S572). • Do not apply when wind speeds exceed 10 miles per hour at the application site. • User must maintain a 15 foot (4.6 m) in-field downwind buffer (in the direction in which the wind is blowing) from the edge of streams and rivers, as well as high-tide line for all estuarine/marine environments.” 	Directions for Use, in a box titled “Mandatory Spray Drift Management” under the heading “Ground Boom Applications”
Spray Drift Management Application Restrictions for products that are applied as liquids and allow boomless ground applications	<p>“MANDATORY SPRAY DRIFT MANAGMENT</p> <p><u>Boomless Ground Applications:</u></p> <ul style="list-style-type: none"> • Applicators are required to use a coarse or coarser droplet size (ASABE S572). • Do not apply when wind speeds exceed 10 miles per hour at the application site. • User must maintain a 15 foot (4.6 m) in-field downwind buffer (in the direction in which the wind is blowing) from the edge of streams and rivers, as well as high-tide line for all estuarine/marine environments.” 	Directions for Use, in a box titled “Mandatory Spray Drift Management” under the heading “Boomless Ground Applications”

No end use for this product other than manufacturing is intended or implied by this label. Formulators using this product are responsible for obtaining EPA registration for their formulated products.

This product can only be used to formulate products with agricultural weed control directions if the labeling for such end use product contains a restricted use classification and the following information and/or revised use directions.

If this product is used to formulate lawn care products with 4% or less atrazine active ingredient, the following restrictions do not apply.

- 1) **RESTRICTED USE PESTICIDE (GROUND AND SURFACE WATER CONCERN)**
 FOR RETAIL 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) Groundwater contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.
- 3) This product must not be mixed/loaded or used within 50 feet of any wells, including abandoned wells, drainage wells, and sinkholes. Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment of 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 pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater 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 of 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. Product must not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs. Product must not be applied within 66 feet of points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 feet of natural or impounded lakes and reservoirs. If this product is applied to highly erodible land, the 66 foot buffer or setback from runoff points must be planted to crop, or seeded with grass or other suitable crop. Additional State imposed requirements regarding well-head setbacks and operational area containment must be covered.

All applicable directions, restrictions and precautions on the EPA registered label are to be followed. This label must be in the possession of the actual product user at the time of application.

TILED FIELDS CONTAINING STANDPIPES

To ensure protection of surface water from runoff through standpipes and tile outlets in terraced fields, one of the following options may be used:

- a) Do not apply this product within 66 feet of standpipes in tile-outletted terraced fields.
 - b) Apply this product to the entire tile-outletted terraced field and immediately incorporate it to a depth of 2 to 3 inches in the entire tile-outletted terraced field.
 - c) Apply this product to the entire tile-outletted terraced field under a no-till practice only when high crop residue management practices are used. High crop residue management practice is described as a crop management practice where little or no crop residue is removed from the field during and after crop harvest.
- 4) Post-emergence application to Corn and Sorghum must be made before Corn and Sorghum reach 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 pre-plant, pre-plant incorporated, pre-plant surface, at-planting or pre-emergence).
 - 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 active ingredient per acre. If plant residue is $< 30\%$, the maximum rate is 1.6 pounds active ingredient per acre.
 - ii. On soils not highly erodible, the maximum rate is 2 pounds active ingredient per acre.

B. For post-emergence applications, if there has been no previous soil application for that crop, the maximum rate is 2 pounds active ingredient per acre. If there has been a previous soil application to that crop, do not exceed a total of 2.5 pounds active ingredient per acre 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 setbacks) which are different from the label, the more restrictive/protective requirements must be followed.

This product may be formulated into end-use herbicide products for the following uses: Chemical-fallow, Corn, Guava, Lawns, Macadamia nuts, Sod Production, Sorghum, Sugarcane, and Turfgrasses.

This product may be used to formulate products for specific use(s) not listed on this label if the formulator, user group or grower has complied with U.S. EPA data submission requirements regarding the support of such use(s).

This product may not be reformulated or repackaged into another product unless the registration of the reformulated or repackaged product was either granted or amended after May 1, 2004 so as to be consistent with the terms and conditions set forth in the Atrazine January 31, 2003 Interim Reregistration Eligibility Document (IRED).

No product (other than products containing 4% or less atrazine active ingredient) may be formulated or repackaged from this product unless the formulated repackaged product bears a label including all of the following statements:

The following language must be prominently displayed in the DIRECTIONS FOR USE on the label:

ANY USE OF THIS PRODUCT IN AN AREA WHERE USE IS PROHIBITED IS A VIOLATION OF FEDERAL LAW. Before using this product, you must consult the Atrazine Watershed Information Center (AWIC) to determine whether the use of this product is prohibited in your watershed. AWIC can be accessed through www.atrazine-watershed.info, or 1-866-365-3014. If use of this product is prohibited in your watershed, you may return this product to your point of purchase or contact Drexel Chemical Company for a refund.

No product containing 4% or less atrazine active ingredient may be formulated or repackaged from this product unless the registration of the resulting product includes the following terms and conditions:

The registrant of this product shall immediately:

- 1) Cease all distribution and sale to any retailer or entity distributing or selling such product to any retailer located within all counties containing any portion of the Watershed Area listed in the AWIC.
- 2) Ensure the removal of such Atrazine product from the shelves of any retailer located within all counties containing any portion of any Watershed Area listed in the AWIC.
- 3) Repurchase any such Atrazine product from any of the purchasers described above.

In addition, such Registrant shall consult with the State(s) in which such counties are located to determine whether additional territory shall be included in the area to which these requirements will apply. If the State(s) determine that a larger area is warranted, the Registrant shall within 10 days of such determination notify the Director of EPA's Special Review and Reregistration Division (SRRD) (7508C), Office of Pesticide Programs, of the specific boundaries within which the stop sale, removal, and repurchase shall take place.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. May be ignited by heat or open flame. Do not stack over two pallets high. Move bags carefully so as not to tear or puncture. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Do not allow material to become wet or store in a damp, humid area. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original container only. If the contents are leaking or material is spilled, follow these steps:

1. Collect and place in suitable containers for disposal.
2. Wash area with water and soap to remove remaining pesticide.
3. Follow washing with clean water rinse.
4. Do not allow runoff to enter sewer or contaminate water supplies.
5. Dispose of waste as indicated below:

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

Nonrefillable Container (flexible-bag-all weights): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid-fifty lbs. or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid-greater than fifty lbs.): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable Container: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

WARRANTY—CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically directed and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

Manufactured By [For]:



Drexel Chemical Company

P.O. BOX 13327, MEMPHIS, TN 38113-0327

SINCE 1972

[Made in _____]

The Drexel logo is a registered trademark of Drexel Chemical Company.