



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 10, 2021

Mark White  
Senior Stewardship & Regulatory Portfolio Manager  
Stewardship & Regulatory Policy  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, NC 27419

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 Nine-O MUP  
*EPA Registration Number:* 100-1659  
*Application Date:* November 13, 2020  
*Decision Number:* 567862

Dear Mr. White:

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

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before you release the product for shipment with the new labeling. In accordance with 40 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.

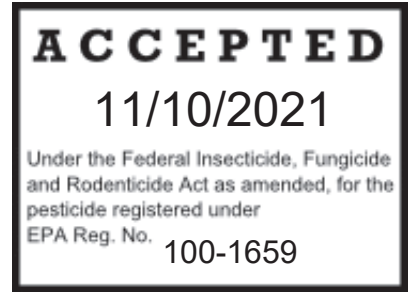
If you have any questions about this letter, please contact Ana Pinto at [pinto.ana@epa.gov](mailto:pinto.ana@epa.gov).

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



**Atrazine Nine-O® MUP**

A Herbicide for Formulating Use Only

Active Ingredients:

Atrazine\* ..... 88.2%

Related Compounds ..... 1.8%

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Other Ingredients: ..... 10.0%

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Total: ..... 100.0%

\*CAS No.: 1912-24-9

Atrazine Nine-O MUP is a water-dispersible granule.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use on label.

EPA Reg. No. 100-1659

EPA Est.

\_\_\_\_\_ pounds  
Net Weight

## 1.0 FIRST AID

<b>FIRST AID</b>	
<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 by a poison control center or doctor.</li><li>• Do not give anything to an unconscious person.</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 by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<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 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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOTLINE 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>	

## 2.0 PRECAUTIONARY STATEMENTS

### 2.1 Hazards to Humans and Domestic Animals

#### **CAUTION**

Harmful if swallowed. Do not breathe dust or spray mist. Avoid contact with eyes, skin, or clothing.

### 2.2 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.

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](http://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 Syngenta Crop Protection, LLC for a refund.

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).

Aerial application is prohibited.

Only for formulation into a herbicide for the following uses: corn, sorghum and sorghum-sudan hybrids (grain and forage types), chemical fallow, sugarcane, turfgrasses for sod, turfgrasses for fairways, Bermudagrass sod production and residential sites, macadamia nuts, and guava.

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
<p><b>Endangered Species Language</b> For all products, excluding those labeled/registered solely for homeowner use</p>	<p><b>Endangered Species</b> 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 <a href="http://www.epa.gov/espp/">http://www.epa.gov/espp/</a>, call 1-844-447-3813, or email <a href="mailto:ESPP@epa.gov">ESPP@epa.gov</a>. You must use the Bulletin valid for the month in which you will apply the product.</p>	<p>Directions for Use, under the heading “Endangered Species”</p>

<p><b>Use Site Restriction</b></p>	<p>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).</p>	<p>Restrictions Section under Directions for Use</p>								
<p><b>Use Prohibition</b> For all products previously registered for these use patterns</p>	<p>Use on roadsides; Conservation Reserve Program (CRP) land; conifers, including Christmas Tree plantings; timber; forestry; and, Miscanthus and other perennial bioenergy crops is prohibited.</p>	<p>Restrictions Section under Directions for Use</p>								
<p><b>Use Site Restriction</b> For products that allow fallow use</p>	<p>Users must only apply to fallow land in the following states according to the prescribed rotation pattern in the table below:</p> <table border="1" data-bbox="446 709 1089 1081"> <thead> <tr> <th data-bbox="446 709 737 821">Fallow Rotation Pattern</th> <th data-bbox="737 709 1089 821">Fallow Use Authorized in these States only</th> </tr> </thead> <tbody> <tr> <td data-bbox="446 821 737 894">Wheat-Corn-Fallow</td> <td data-bbox="737 821 1089 894">CO, KS, ND, NE, SD &amp; WY</td> </tr> <tr> <td data-bbox="446 894 737 968">Wheat-Fallow-Wheat</td> <td data-bbox="737 894 1089 968">CO, KS, ND, NE, SD &amp; WY</td> </tr> <tr> <td data-bbox="446 968 737 1081">Wheat-Sorghum-Fallow</td> <td data-bbox="737 968 1089 1081">AR, CO, GA, IL, KS, LA, MS, MO, NE, NM, NC, OK, SD &amp; 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	<p>Restrictions Section under Directions for Use</p>
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									
<p><b>Spray Drift Management Application Restrictions</b> For all products delivered via liquid spray application and allow aerial application</p>	<p><b>MANDATORY SPRAY DRIFT MANAGEMENT Aerial Applications:</b></p> <ul style="list-style-type: none"> <li>• Applicators are required to use a coarse or coarser droplet size (ASABE S572).</li> <li>• User must maintain a 150 foot (46 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.</li> </ul>	<p>Directions for Use, in a box titled, "Mandatory Spray Drift Management" under the heading "Aerial Applications"</p>								
<p><b>Spray Drift Management Application Restrictions</b> For products that are applied as liquids and allow ground boom applications</p>	<p><b>MANDATORY SPRAY DRIFT MANAGEMENT Ground Boom Applications:</b></p> <ul style="list-style-type: none"> <li>• Applicators are required to use a coarse or coarser droplet size (ASABE S572).</li> <li>• Do not apply when wind speeds exceed 10 miles per hour at the application site.</li> <li>• 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.</li> </ul>	<p>Directions for Use, in a box titled, "Mandatory Spray Drift Management" under the heading "Ground Boom Applications"</p>								

<p><b>Spray Drift Management Application Restrictions</b> For products that are applied as liquids and allow boomless ground applications</p>	<p><b>MANDATORY SPRAY DRIFT MANAGEMENT Boomless Ground Applications:</b></p> <ul style="list-style-type: none"><li>• Applicators are required to use a coarse or coarser droplet size (ASABE S572).</li><li>• Do not apply when wind speeds exceed 10 miles per hour at the application site.</li><li>• 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.</li></ul>	<p>Directions for Use, in a box titled "Mandatory Spray Drift Management" under the heading "Boomless Ground Applications"</p>
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### 3.0 STORAGE AND DISPOSAL

#### STORAGE AND DISPOSAL

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

#### Pesticide Storage

Store in a dry place.

#### Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

#### Container Handling

**Non-refillable container.** Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## 4.0 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 must 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, LLC or Seller. To the extent permitted by applicable law, 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. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, 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.

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For non-emergency (e.g., current product information), call  
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, North Carolina, 27419-8300

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