



**OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION**

WASHINGTON, D.C. 20460

February 2, 2024

Craig Kleppe  
Product Registration Manager  
BASF Corporation  
26 Davis Drive, P.O. Box 13528  
RTP, NC 27709

Subject: PRIA Label Amendment – *New food uses of glufosinate on tropical and subtropical, medium to large fruit, edible peel, subgroup 23B; tropical and subtropical, medium to large fruit, smooth, inedible peel, subgroup 24B; tropical and subtropical, small fruit, inedible peel, subgroup 24A; and a new regional use on grass (seed crop).*  
Product Name: Glufosinate-Ammonium 60 Manufacturing Use Product  
EPA Registration Number: 7969-474, 1E8960  
Application Date: 10/7/2021  
Case Number: 00477674

Dear Craig Kleppe:

The application referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable under FIFRA section 3(c)(5).

You must submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling 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.

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 FIFRA 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) lists 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.

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

If you have any questions, please contact Marc Sheahin at 202-566-2896 or at [sheahin.marc@epa.gov](mailto:sheahin.marc@epa.gov).

Sincerely,

A handwritten signature in dark ink, appearing to read "Nathan Mellor", is positioned above the typed name.

Nathan Mellor, Acting Branch Chief  
Fungicide and Herbicide Branch  
Registration Division, OPP

Enclosure



We create chemistry

# Glufosinate-Ammonium 60 Manufacturing-Use Product

## A Herbicide For Formulation Purposes Only

### Active Ingredient:

Glufosinate-ammonium\* (CAS Number 77182-82-2)..... 60.0%

Other Ingredients: ..... 40.0%

Total: ..... 100.0%

\*2-amino-4-(hydroxymethylphosphinyl) butanoic acid-monoammonium salt

EPA Reg. No.: 7969-474

EPA Est. No.:

## KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

## Precautionary Statements Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using toilet. Remove contaminated clothing and wash before reuse.

FIRST AID	
If swallowed	<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><b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li><li><b>DO NOT</b> give anything by mouth to an unconscious person.</li></ul>
If inhaled	<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 further treatment advice.</li></ul>
If in eyes	<ul style="list-style-type: none"><li>Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eyes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
If on skin or clothing	<ul style="list-style-type: none"><li>Take off contaminated clothing.</li><li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357)	
<b>NOTE TO PHYSICIAN:</b> Glufosinate-ammonium is a glutamine synthetase inhibitor and can interfere with neurotransmitter function. Symptoms may be delayed by up to 48 hours following ingestion. There is no specific antidote. If ingested, endotracheal intubation and gastric lavage need to be performed as soon as possible, followed by charcoal and sodium sulfate administration. Additionally, call CHEMTREC at 1-800-424-9300 for further information.	

## 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

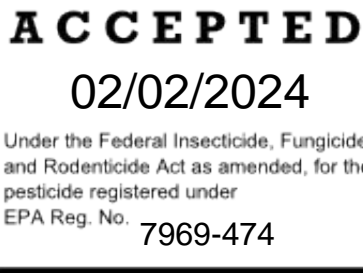
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**DO NOT** use this product until you have read the entire label.

**This manufacturing-use product may be used only for formulation into a herbicide for weed control for the following uses and/or use sites:** [1] For vegetation control and management in non-agricultural (noncropland) areas including on golf courses, in native grass areas, in ornamental production, for landscaping in commercial/residential/industrial areas, and in conifer/hardwood/Christmas tree production areas (including nurseries and plantations). [2] On turf grass.

[Optional Text: Product of: \_\_\_\_\_]

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Net Contents:

[3] In crop groups or subgroups: subgroup 1C (vegetable, tuberous and corm); subgroup 8-10A (tomato); subgroup 8-10B (eggplant/pepper); subgroup 9A (melons); subgroup 9B (cucumber/squash); group 10-10 (citrus fruit); group 11-10 (pome fruit); group 12-12 (stone fruit); subgroup 13-07B (bushberry); subgroup 13-07F (fruit, small, vine climbing, except fuzzy kiwifruit); group 14-12 (tree nuts including pistachios); subgroup 20A (rapeseed); subgroup 20C (cottonseed); subgroup 23A (tropical and subtropical fruits, small fruit, edible peel); subgroup 23B (tropical and subtropical fruits, medium to large fruit, edible peel); subgroup 24A (tropical and subtropical fruits, small fruit, inedible peel); subgroup 24B (tropical and subtropical fruits, medium to large fruit, smooth inedible peel). [4] In individual crops: corn (field and sweet); grass grown for seed production; hops; soybean; sugar beet. [5] For desiccation of potato vines. [6] For elimination of non-glufosinate-ammonium resistant canola, corn, cotton, and soybean plants in seed production. [7] Uses for which the U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration. [8] Uses for experimental purposes that comply with U.S. EPA requirements. 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).

## Storage and Disposal

**DO NOT** contaminate water, food, or feed by storage or disposal.

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

### Container Handling:

• **Rigid, Nonrefillable [plastic] containers small enough to shake (i.e., with capacities equal to or less than 5 gallons)**

Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into manufacturing equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into manufacturing equipment or a 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: Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

• **Rigid, Nonrefillable [plastic] containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)**

Nonrefillable containers. **DO NOT** reuse or refill this container. Refer to Bottom Discharge IBC or Top Discharge, IBC, Drums, Kegs information as follows.

• **Bottom Discharge [plastic] IBC (e.g., Schuetz Caged IBC or Snyder Square Stackable)** Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into manufacturing equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into manufacturing equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

• **Top Discharge [plastic] IBC Drums, Kegs (e.g., Snyder 120 Next Gen, Bonar B120, Drums, Kegs)** Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into manufacturing equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into manufacturing equipment or rinsate collection system. Repeat this procedure two more times. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

• **Refillable [plastic] Containers.** Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. After emptying product from container, rinse and either recycle or dispose of the container as follows:

• **Bottom Discharge [plastic] IBC (e.g., Schuetz Caged IBC or Snyder Square Stackable)** Pressure rinsing 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 pressure rinse the container before final disposal, empty the remaining contents from the IBC into manufacturing equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into manufacturing equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

• **Top Discharge [plastic] IBC Drums, Kegs (e.g., Snyder 120 Next Gen, Bonar B120, Drums, Kegs)** Triple rinsing 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 triple rinse the container before final disposal, empty the remaining contents from this container into manufacturing equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into manufacturing equipment or rinsate collection system. Repeat this procedure two more times. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill. End users are authorized to remove tamper evident cables as required to remove the product from the container unless the container is equipped with one-way valves and refilling is planned. If this is the case, end users are not authorized to remove tamper evident cables, one-way valves or clean container.

## In Case of Emergency

In case of large-scale spillage in the U.S. regarding this product, call:

CHEMTREC..... 1-800-424-9300

BASF Corporation..... 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call: 1) Your local doctor for immediate treatment. 2) Your local poison control center (hospital). 3) BASF Corporation 1-800-832-HELP. **Steps to be taken in case material is released or spilled:** Spillage or leakage need to be contained, carefully swept up, and collected for disposal. Remove contaminated clothing and wash affected skin areas with water. Wash clothing before reuse. Keep spill out of all sewers and open bodies of water.

## Conditions of Sale and Warranty

BASF 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**. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF 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 BASF.

[Optional Text: Produced for: \_\_\_\_\_]

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BASF Corporation, 26 Davis Drive, Research Triangle Park, NC 27709