



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

July 1, 2025

Brien O'Loughlin
Regulatory Consultant
Rainbow Agrosiences, LLC
c/o Pyxis Regulatory Consulting Inc.
535 E Plainfield Road, Suite E
Willowbrook, IL 60527

Subject: PRIA Label Amendment – Label amendment to add already approved uses
Product Name: GLUPEX 50 MUP
EPA Registration Number: 103591-3
Application Date: 09/25/2024
Case Number: 00631581

Dear Brien O'Loughlin,

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

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 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.

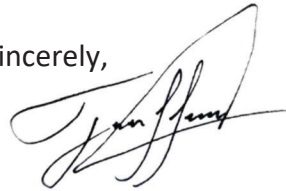
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under 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 Francisco Llarena-Arias at llarena-arias.francisco@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Francisco Llarena-Arias', with a stylized flourish extending from the end.

Francisco Llarena-Arias
Acting for Product Manager 24
Fungicide and Herbicide Branch
Registration Division (7505P)
U.S. Environmental Protection Agency

Enclosure

GLUPEX 50 MUP

ACTIVE INGREDIENT:

Glufosinate-ammonium (CAS No. 77182-82-2) w/w% 50.0%

OTHER INGREDIENTS:

TOTAL: 50.0%

100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

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 person.
If in Eyes:	• Hold eye open and rinse slowly and gently with water for 15-20 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.
If on Skin or Clothing:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Inhaled:	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
NOTE TO PHYSICIAN	
Probably mucosal damage may contraindicate the use of gastric lavage.	
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product, contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at http://npic.orst.edu .	

For Chemical Spill, Leak, Fire, or Exposure, call CHEMTREC (800) 424-9300

Manufactured for:

Rainbow Agrosiences, LLC
535 E Plainfield Road, Suite E
Willowbrook, IL 60527

EPA Reg. No. 103591-3

EPA Est. No.

Net Contents: gals (L)

Lot No.: See container

ACCEPTED

Jul 01, 2025

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 103591-3

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist or vapor. Wear long sleeved shirt and long pants, shoes, socks, and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

DO NOT discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or 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.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT mix or allow to come into contact with oxidizing agents. Hazardous chemical reaction may occur.

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: (1) uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; (2) uses for experimental purposes that are in compliance with USEPA; (3) Terrestrial food uses:

Bushberries, subgroup 13-07B	Nut, tree, group 14-12	Tropical and subtropical, small fruit, edible peel subgroup 23A
Corn, field and sweet*	Pepper/eggplant subgroup 8-10B	Tropical and subtropical, medium to large fruit, edible peel subgroup 23B
Cottonseed subgroup 20C*	Potato vine desiccation	Tropical and subtropical, small fruit, inedible peel subgroup 24A
Fruit, citrus, group 10-10	Rapeseed subgroup 20A*	Tropical and subtropical, medium to large fruit, smooth, inedible peel subgroup 24B
Fruit, pome, group 11-10	Rice	Tuberous and corn vegetables subgroup 1C
Fruit, stone, group 12-12	Small fruit vine climbing subgroup except fuzzy kiwifruit, subgroup 13-07F	
Grain, aspirated fractions	Soybeans*	
Grass grown for seed production	Squash/cucumber subgroup 9B	
Hops	Sugar beet*	
Melon subgroup 9A	Tomato subgroup 8-10A	

*Including Glufosinate-ammonium resistant crops

- (4) For elimination of non-glufosinate-ammonium resistant canola, corn, cotton, and soybean plants in seed production
- (5) On Turf Grass

(6) Terrestrial Non-Food Uses: vegetation control and management in non-agricultural (noncropland) areas including for control of weeds and grasses 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).

(7) Residential Outdoor

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage, disposal or cleaning of equipment.

PESTICIDE STORAGE: Store in original container in a cool, dry place. DO NOT allow this product to freeze. STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike and contain spill with inert materials such as sand, earth, etc. Transfer liquid and solid diking materials to separate labeled containers for disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal or excess pesticide or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

CONTAINER HANDLING:

Nonrefillable Plastic Containers (e.g., Intermediate Bulk Containers [IBC]) (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down): Nonrefillable container. DO NOT reuse or refill this container. Clean container promptly after emptying the contents from this container into formulation equipment and before final disposal using the following pressure rinsing procedure: Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure spray duration and/or spray volume. If the manufacturer's instructions are not available pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain pour or pump rinsate into formulation equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

CONDITION OF SALE AND LIMITED WARRANTY

Rainbow Agrosciences, LLC warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use herein described when used in accordance with the directions for use. The Directions For Use are believed to be reliable and must 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 Rainbow Agrosciences, LLC or the SELLER. To the extent consistent with applicable law, Rainbow Agrosciences, LLC shall not be liable for the consequential, special or indirect damages resulting from the handling or use of this product. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

Except as expressly provided herein, Rainbow Agrosciences, LLC makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage.

[EPA Approval Date]