

Glufosinate Ammonium Market Outlook 2026-2034: Market Share, and Growth Analysis By Crop (Non-GM Crops, Genetically Modified (GM) Crops), By Form (Dry, Liquid), By Application

<https://marketpublishers.com/r/GDB63D7B547CEN.html>

Date: November 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: GDB63D7B547CEN

Abstracts

The Glufosinate Ammonium Market is valued at USD 693.5 billion in 2025 and is projected to grow at a CAGR of 9.1% to reach USD 1518.6 billion by 2034.

Glufosinate Ammonium Market

Glufosinate ammonium is a non-selective, contact herbicide that inhibits glutamine synthetase, delivering broad-spectrum burn-down and post-emergence control with limited translocation - useful against many grass and broadleaf weeds, including biotypes with resistance to other modes of action. Adoption spans row crops with herbicide-tolerant traits, orchards and vineyards, specialty crops, plantation crops, industrial vegetation management, and pre-plant or pre-harvest field preparation. The market's center of gravity is shifting from single-chemistry programs to integrated weed-management stacks: glufosinate paired with residual herbicides, layered with cultural practices, spot-spraying, and precision application to slow resistance development and protect yields. On the formulation side, suppliers emphasize higher-load SLs, drift-reduction and anti-foaming packages, wetter-sticker systems for tough weeds, and compatibility with adjuvants and residual premixes. Demand is underpinned by the need for alternatives where other chemistries face resistance pressure or regulatory headwinds, as well as the growth of stacked-trait seeds and perennial crop systems that require clean tree rows with minimal soil disturbance. Competitive dynamics feature originators with trait ecosystems and stewardship programs, large generics with global technical capacity, and regional formulators serving local agronomy and regulatory nuances. Differentiation centers on field performance on hard-to-kill species,

rainfastness, crop safety in tolerant systems, compatibility with tank-mix partners, and technical service. Regulatory scrutiny remains active, with evolving data requirements on operator safety, residues, and off-target movement; buyers weigh compliance support, labeling clarity, and drift-mitigation guidance. As labor constraints and sustainability goals push toward reduced tillage and precise inputs, glufosinate's role within diversified weed-control strategies remains strategically important across geographies and crop systems.

Glufosinate Ammonium Market Key Insights

Resistance landscape drives positioning. Glufosinate is frequently deployed where ALS, ACCase, and EPSPS resistance is entrenched; programs pair it with residuals and alternate MOAs to protect efficacy and delay resistance shifts.

Trait stacks expand use cases. Herbicide-tolerant seeds with stacked traits broaden in-crop application windows and enable rotation with complementary chemistries, improving season-long control and operational flexibility.

Formulation innovation matters. Higher-load liquids, drift-reduction systems, water conditioners, and optimized surfactants improve coverage, rainfastness, and difficult-species performance while easing logistics.

Precision application scales up. Camera-based spot spraying, sectional control, UAV trials, and variable-rate prescriptions reduce non-target exposure and cost per hectare, especially in patchy infestations.

Orchard and vineyard stewardship. Non-selective activity requires shielded or directed sprays; growers value rapid burn-down, minimal soil disturbance, and label support for re-entry and buffer practices.

Compatibility & premix strategies. Tank-mix and premix offerings with residuals (e.g., PPO, HPPD, VLCFA, triazines) extend control and reduce follow-up passes, provided antagonism and crop safety are managed.

Environmental and operator safety. Programs emphasize nozzle selection, coarse droplets, weather windows, and adjuvant choice to mitigate drift; PPE, re-entry intervals, and rinsate handling remain audit points.

Evolving regulatory context. Re-evaluations focus on operator exposure, dietary risk, and off-target movement; suppliers with robust dossiers, residue data, and clear use-directions ease approvals and stewardship.

Supply reliability is strategic. Technical capacity concentration and precursor availability influence pricing and in-season supply; diversified sourcing and toll-formulation agreements buffer volatility.

Integrated Weed Management (IWM). Rotations, cover crops, narrow rows, and mechanical spot control combined with glufosinate raise durability of control and align with sustainability and soil-health objectives.

Glufosinate Ammonium Market Regional Analysis

North America

Large-scale row crops with stacked traits underpin in-crop and pre-plant demand, while orchards, vineyards, and specialty crops use directed applications for clean rows. Resistance management guides layered programs with residuals and alternative MOAs. Retailers prioritize formulations with strong rainfastness and drift control, plus compatibility with precision sprayers. Regulatory scrutiny and stewardship training shape label adoption and timing.

Europe

Perennial systems, specialty crops, and industrial vegetation management drive selective use amid stringent environmental and operator-safety standards. Performance documentation, drift mitigation, and buffer-zone compliance are central. Growers lean on integrated programs and mechanical complements; distributors value formulations aligned to local water quality, residue requirements, and sustainability schemes.

Asia-Pacific

Diverse smallholder and plantation systems create mixed demand - from perennial crops and orchards to expanding row-crop acres with trait adoption in select markets. Cost-effective, high-load formulations and stable supply are critical. Precision and UAV trials grow in orchards and high-value crops. Local registration pathways and multilingual stewardship support influence vendor selection.

Middle East & Africa

Perennial and plantation crops, horticulture under irrigation, and industrial vegetation control drive usage where labor is tight and rapid burn-down is valued. Hot, dry conditions and wind considerations elevate drift-control and nozzle guidance. Government procurement and tender processes weigh supplier service, training, and compliance with national residue and operator-safety norms.

South & Central America

Row-crop expansion with stacked traits and double-cropping cycles sustain broad use, complemented by orchard and plantation demand. Resistance pressure necessitates residual layering and rotated MOAs. Distributors seek high-load, logistics-friendly packs and clear tank-mix guidance for tropical conditions. Local manufacturing and technical field support are decisive for in-season reliability.

Glufosinate Ammonium Market Segmentation

By Crop

Non-GM Crops

Genetically Modified (GM) Crops

By Form

Dry

Liquid

By Application

Non-Agricultural

Agricultural

Key Market players

BASF, UPL, ADAMA, Nufarm, Syngenta, Jiangsu Huifeng Agrochemical, Sichuan Lier Chemical, Zhejiang YongNong Bio-Pharmaceutical, Rainbow Agro, Anhui Huaxing Chemical, Shandong Binnong Technology, Zhejiang Yifan Biotechnology, Nanjing Red Sun, Shandong Qiaochang Chemical, Bayer CropScience

Glufosinate Ammonium Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modelling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends. Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behaviour are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Glufosinate Ammonium Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption. Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Glufosinate Ammonium market data and outlook to 2034

United States

Canada

Mexico

Europe — Glufosinate Ammonium market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Glufosinate Ammonium market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Glufosinate Ammonium market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Glufosinate Ammonium market data and outlook to 2034

Brazil

Argentina

Chile

Peru

* We can include data and analysis of additional countries on demand.

Research Methodology

This study combines primary inputs from industry experts across the Glufosinate Ammonium value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Glufosinate Ammonium industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth

potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Glufosinate Ammonium Market Report

Global Glufosinate Ammonium market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Glufosinate Ammonium trade, costs, and supply chains

Glufosinate Ammonium market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Glufosinate Ammonium market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Glufosinate Ammonium market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Glufosinate Ammonium supply chain analysis

Glufosinate Ammonium trade analysis, Glufosinate Ammonium market price

analysis, and Glufosinate Ammonium supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Glufosinate Ammonium market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

* The updated report will be delivered within 3 working days

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL GLUFOSINATE AMMONIUM MARKET SUMMARY, 2025

- 2.1 Glufosinate Ammonium Industry Overview
 - 2.1.1 Global Glufosinate Ammonium Market Revenues (In US\$ billion)
- 2.2 Glufosinate Ammonium Market Scope
- 2.3 Research Methodology

3. GLUFOSINATE AMMONIUM MARKET INSIGHTS, 2024-2034

- 3.1 Glufosinate Ammonium Market Drivers
- 3.2 Glufosinate Ammonium Market Restraints
- 3.3 Glufosinate Ammonium Market Opportunities
- 3.4 Glufosinate Ammonium Market Challenges
- 3.5 Tariff Impact on Global Glufosinate Ammonium Supply Chain Patterns

4. GLUFOSINATE AMMONIUM MARKET ANALYTICS

- 4.1 Glufosinate Ammonium Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Glufosinate Ammonium Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Glufosinate Ammonium Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Glufosinate Ammonium Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Glufosinate Ammonium Market
 - 4.5.1 Glufosinate Ammonium Industry Attractiveness Index, 2025
 - 4.5.2 Glufosinate Ammonium Supplier Intelligence
 - 4.5.3 Glufosinate Ammonium Buyer Intelligence
 - 4.5.4 Glufosinate Ammonium Competition Intelligence
 - 4.5.5 Glufosinate Ammonium Product Alternatives and Substitutes Intelligence
 - 4.5.6 Glufosinate Ammonium Market Entry Intelligence

5. GLOBAL GLUFOSINATE AMMONIUM MARKET STATISTICS – INDUSTRY

REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

- 5.1 World Glufosinate Ammonium Market Size, Potential and Growth Outlook, 2024-2034 (\$ billion)
- 5.1 Global Glufosinate Ammonium Sales Outlook and CAGR Growth By Crop, 2024-2034 (\$ billion)
- 5.2 Global Glufosinate Ammonium Sales Outlook and CAGR Growth By Form, 2024-2034 (\$ billion)
- 5.3 Global Glufosinate Ammonium Sales Outlook and CAGR Growth By Application, 2024- 2034 (\$ billion)
- 5.4 Global Glufosinate Ammonium Market Sales Outlook and Growth by Region, 2024-2034 (\$ billion)

6. ASIA PACIFIC GLUFOSINATE AMMONIUM INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

- 6.1 Asia Pacific Glufosinate Ammonium Market Insights, 2025
- 6.2 Asia Pacific Glufosinate Ammonium Market Revenue Forecast By Crop, 2024- 2034 (USD billion)
- 6.3 Asia Pacific Glufosinate Ammonium Market Revenue Forecast By Form, 2024- 2034 (USD billion)
- 6.4 Asia Pacific Glufosinate Ammonium Market Revenue Forecast By Application, 2024- 2034 (USD billion)
- 6.5 Asia Pacific Glufosinate Ammonium Market Revenue Forecast by Country, 2024-2034 (USD billion)
 - 6.5.1 China Glufosinate Ammonium Market Size, Opportunities, Growth 2024- 2034
 - 6.5.2 India Glufosinate Ammonium Market Size, Opportunities, Growth 2024- 2034
 - 6.5.3 Japan Glufosinate Ammonium Market Size, Opportunities, Growth 2024- 2034
 - 6.5.4 Australia Glufosinate Ammonium Market Size, Opportunities, Growth 2024- 2034

7. EUROPE GLUFOSINATE AMMONIUM MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

- 7.1 Europe Glufosinate Ammonium Market Key Findings, 2025
- 7.2 Europe Glufosinate Ammonium Market Size and Percentage Breakdown By Crop, 2024- 2034 (USD billion)
- 7.3 Europe Glufosinate Ammonium Market Size and Percentage Breakdown By Form, 2024- 2034 (USD billion)

7.4 Europe Glufosinate Ammonium Market Size and Percentage Breakdown By Application, 2024- 2034 (USD billion)

7.5 Europe Glufosinate Ammonium Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.5.1 Germany Glufosinate Ammonium Market Size, Trends, Growth Outlook to 2034

7.5.2 United Kingdom Glufosinate Ammonium Market Size, Trends, Growth Outlook to 2034

7.5.2 France Glufosinate Ammonium Market Size, Trends, Growth Outlook to 2034

7.5.2 Italy Glufosinate Ammonium Market Size, Trends, Growth Outlook to 2034

7.5.2 Spain Glufosinate Ammonium Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA GLUFOSINATE AMMONIUM MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

8.1 North America Snapshot, 2025

8.2 North America Glufosinate Ammonium Market Analysis and Outlook By Crop, 2024-2034 (\$ billion)

8.3 North America Glufosinate Ammonium Market Analysis and Outlook By Form, 2024-2034 (\$ billion)

8.4 North America Glufosinate Ammonium Market Analysis and Outlook By Application, 2024- 2034 (\$ billion)

8.5 North America Glufosinate Ammonium Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.5.1 United States Glufosinate Ammonium Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Canada Glufosinate Ammonium Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Mexico Glufosinate Ammonium Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA GLUFOSINATE AMMONIUM MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Glufosinate Ammonium Market Data, 2025

9.2 Latin America Glufosinate Ammonium Market Future By Crop, 2024- 2034 (\$ billion)

9.3 Latin America Glufosinate Ammonium Market Future By Form, 2024- 2034 (\$ billion)

9.4 Latin America Glufosinate Ammonium Market Future By Application, 2024- 2034 (\$ billion)

9.5 Latin America Glufosinate Ammonium Market Future by Country, 2024- 2034 (\$

billion)

9.5.1 Brazil Glufosinate Ammonium Market Size, Share and Opportunities to 2034

9.5.2 Argentina Glufosinate Ammonium Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA GLUFOSINATE AMMONIUM MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Glufosinate Ammonium Market Statistics By Crop, 2024- 2034 (USD billion)

10.3 Middle East Africa Glufosinate Ammonium Market Statistics By Form, 2024- 2034 (USD billion)

10.4 Middle East Africa Glufosinate Ammonium Market Statistics By Application, 2024- 2034 (USD billion)

10.5 Middle East Africa Glufosinate Ammonium Market Statistics by Country, 2024- 2034 (USD billion)

10.5.1 Middle East Glufosinate Ammonium Market Value, Trends, Growth Forecasts to 2034

10.5.2 Africa Glufosinate Ammonium Market Value, Trends, Growth Forecasts to 2034

11. GLUFOSINATE AMMONIUM MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

11.1 Key Companies in Glufosinate Ammonium Industry

11.2 Glufosinate Ammonium Business Overview

11.3 Glufosinate Ammonium Product Portfolio Analysis

11.4 Financial Analysis

11.5 SWOT Analysis

12 APPENDIX

12.1 Global Glufosinate Ammonium Market Volume (Tons)

12.1 Global Glufosinate Ammonium Trade and Price Analysis

12.2 Glufosinate Ammonium Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Glufosinate Ammonium Industry Report Sources and MethodologyOGAMV25R0255

I would like to order

Product name: Glufosinate Ammonium Market Outlook 2026-2034: Market Share, and Growth Analysis By Crop (Non-GM Crops, Genetically Modified (GM) Crops), By Form (Dry, Liquid), By Application

Product link: <https://marketpublishers.com/r/GDB63D7B547CEN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GDB63D7B547CEN.html>