

# **Glyphosate Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Conventional Crops, GM Crops), By Application (Grains and Cereals, Pulses and Oilseeds, Fruits and Vegetables, Commercial Crops, Other Crop Types), By Region and Competition, 2020-2030F**

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## **Abstracts**

Global Glyphosate Market was valued at USD 8.91 Billion in 2024 and is expected to reach USD 9.58 Billion by 2030 with a CAGR of 4.18% during the forecast period. Glyphosate is a widely used herbicide known for its effectiveness in controlling a broad spectrum of weeds, making it a crucial tool in modern agriculture. Its popularity can be attributed to its versatility, cost-effectiveness, and relatively low environmental impact when compared to some alternative herbicides.

### **Key Market Drivers**

#### **Rising Global Population and Food Demand**

The rising global population and escalating food demand have emerged as a driving force behind the robust growth of the global glyphosate market. With the world's rising population, the pressure on agriculture to produce more food is greater than ever before. In this context, glyphosate, a highly effective herbicide, plays a pivotal role in increasing agricultural productivity. As the global population continues to swell, the demand for food surges in tandem. Meeting this demand necessitates optimizing crop yields and ensuring that arable land is used to its full potential. Glyphosate has proven to be a critical tool in achieving this goal. By effectively eliminating weeds that compete with crops for nutrients, water, and sunlight, glyphosate helps farmers maximize their

yields. This, in turn, contributes to food security by ensuring a stable and ample food supply. In September 2024, Abu Dhabi treated over two million palm trees to combat infestations from pests such as the red palm weevil and stem borer. The Abu Dhabi Agriculture and Food Safety Authority (ADAFSA) led the initiative, utilizing pheromone and light traps to control pest populations and prevent their spread, as reported by state news agency WAM. The program also included targeted treatments for infested trees and the removal of severely damaged palms to protect the region's agricultural resources.

## Key Market Challenges

### Regulatory Scrutiny and Restrictions

The global glyphosate market, a cornerstone of modern agriculture, has faced a formidable obstacle in the form of heightened regulatory scrutiny and restrictions imposed by various countries and regions. Glyphosate, a widely used herbicide known for its efficacy in weed control, has become a contentious subject due to concerns about its potential health and environmental impacts. This scrutiny and the resulting restrictions have created substantial challenges for the glyphosate market.

Glyphosate has been at the center of high-profile lawsuits alleging a link between its use and cancer, particularly non-Hodgkin's lymphoma. These legal cases have resulted in significant financial settlements, damaging the reputation of glyphosate manufacturers, most notably Bayer, which acquired Monsanto, the original manufacturer of glyphosate-based herbicides. These legal disputes have not only led to financial burdens but have also cast a cloud of uncertainty over the glyphosate market. Europe has been a hotspot for regulatory challenges to glyphosate. The European Union (EU) has faced debates and disagreements over the reapproval of glyphosate, leading to temporary extensions and extensive debates within the EU institutions. This uncertainty has complicated the market for glyphosate-based products in Europe, creating volatility and affecting product availability and usage.

## Key Market Trends

### Technological Advancements and Formulation Innovations

Technological advancements and formulation innovations have played a pivotal role in boosting the global glyphosate market. Glyphosate, a widely used herbicide renowned for its effectiveness in weed control, has evolved and improved through innovative

approaches, contributing to its continued relevance in modern agriculture. One of the key technological advancements is the development of more precise application methods. Farmers can now utilize advanced equipment and GPS technology to apply glyphosate with pinpoint accuracy. This precision minimizes wastage, reduces environmental impact, and ensures that glyphosate is used efficiently and effectively.

Formulation innovations have also been instrumental in shaping the glyphosate market. Manufacturers have been focused on enhancing glyphosate-based herbicides to improve their performance and safety profiles. Low-dosage formulations have gained popularity, allowing farmers to achieve effective weed control with smaller amounts of glyphosate. These formulations not only reduce environmental exposure but also contribute to cost savings. Glyphosate formulations have been adapted to suit various application methods, including aerial spraying and no-till farming practices. This adaptability enhances the versatility of glyphosate, making it suitable for different crops and farming systems. In response to environmental concerns, manufacturers have developed glyphosate formulations that are less harmful to non-target organisms and ecosystems. These innovations aim to strike a balance between weed control efficacy and environmental stewardship, addressing the sustainability demands of modern agriculture.

### Key Market Players

Adama Agricultural Solutions Ltd

BASF SE

Bayer Cropscience AG

UPL Limited

FMC Corporation

Zhejiang Xinan Chemical Industrial Group Company Ltd

Nufarm Limited

DuPont de Nemours, Inc

Syngenta Crop Protection AG

## The Dow Chemical Company

### Report Scope:

In this report, the Global Glyphosate Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

#### Glyphosate Market, By Type:

Conventional Crops

GM Crops

#### Glyphosate Market, By Application:

Grains and Cereals

Pulses and Oilseeds

Fruits and Vegetables

Commercial Crops

Other Crop Types

#### Glyphosate Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Glyphosate Market.

## Available Customizations:

Global Glyphosate Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

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