

Agricultural Chemical Suppliers Market Forecasts to 2032 - Global Analysis By Product Type (Fertilizers, Pesticides, Plant Growth Regulators and Adjuvants & Surfactants), Crop Type, Supplier Type, Distribution Channel and By Geography

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Abstracts

According to Statistics MRC, the Global Agricultural Chemical Suppliers Market is accounted for \$30.33 billion in 2025 and is expected to reach \$45.61 billion by 2032 growing at a CAGR of 6.0% during the forecast period. Agricultural chemical suppliers are integral to the agricultural value chain, supplying vital products like fertilizers, crop protection chemicals, and soil enhancers that help farmers maintain healthy and productive crops. By offering solutions against weeds, pests, and plant diseases, these suppliers contribute directly to improved farm efficiency and output. They collaborate with growers, distributors, and agricultural organizations to deliver region-specific products at the right time. As sustainability gains importance, many suppliers are focusing on environmentally safer chemicals and advanced application technologies. In addition to selling products, they provide agronomic advice, usage training, and regulatory assistance, enabling farmers to optimize yields, manage risks, and support long-term agricultural growth.

According to the OECD?FAO Agricultural Outlook 2025?2034, global agricultural and fish production is expected to increase by 14% over the next decade, driven mainly by productivity growth in middle?income countries. This expansion directly sustains demand for agricultural inputs, including fertilizers and crop protection chemicals.

Market Dynamics:

Driver:

Rising global food demand

The increasing need for food across the world is a key factor driving growth in the agricultural chemical suppliers market. Rapid population expansion, urban growth, and evolving food consumption patterns are pushing farmers to produce more from limited farmland. To address this challenge, agricultural chemicals are widely used to improve crop health, boost yields, and minimize damage from pests and diseases. Fertilizers enhance soil productivity, while pesticides and herbicides protect crops throughout the growing cycle. Supportive government policies aimed at strengthening food security further encourage chemical usage. As a result, agricultural chemical suppliers play a vital role in supporting efficient and high-output farming systems.

Restraint:

Health and safety concerns among end users

Concerns over human health and safety are a key factor restricting the agricultural chemical suppliers market. Studies linking chemical exposure to respiratory issues, skin disorders, and long-term health effects have raised alarm among farmers and agricultural workers. Increased awareness and education have led to hesitation in using chemical-based inputs, especially where protective measures are inadequate. Public pressure and negative perceptions surrounding chemical safety have also influenced purchasing decisions. As a result, farmers are increasingly exploring safer, low-toxicity alternatives. This shift in attitude reduces dependence on conventional agricultural chemicals, posing challenges for suppliers and slowing overall market expansion.

Opportunity:

Rising demand for sustainable and eco-friendly chemicals

The shift toward environmentally responsible farming is opening new opportunities for agricultural chemical suppliers. Growing concerns about soil health, water quality, and ecosystem protection are increasing demand for sustainable chemical inputs. Biofertilizers, biopesticides, and reduced-toxicity formulations are gaining popularity among farmers aiming to balance productivity with environmental care. Suppliers that prioritize innovation in green chemistry can meet evolving regulatory and consumer expectations. Sustainable product lines also enable suppliers to enter organic and transitional farming markets. As sustainability becomes a key purchasing criterion,

agricultural chemical companies that emphasize eco-friendly solutions can enhance market reach and achieve long-term growth.

Threat:

Competition from bio-based and alternative solutions

The rise of bio-based and alternative farming inputs threatens the traditional agricultural chemical suppliers market. Farmers are increasingly turning to biological fertilizers and natural pest control solutions due to environmental concerns and regulatory encouragement. These products offer reduced toxicity and improved sustainability, making them attractive substitutes for synthetic chemicals. As innovation enhances the performance of biological solutions, dependence on conventional agricultural chemicals declines. This trend increases competition and challenges suppliers focused solely on synthetic products. Without strategic adaptation or portfolio diversification, traditional suppliers may experience declining demand and market share, making alternative agricultural solutions a significant long-term threat.

Covid-19 Impact:

COVID-19 created both challenges and recovery opportunities for the agricultural chemical suppliers market. Early in the pandemic, factory shutdowns, logistics disruptions, and restricted trade affected the availability of fertilizers and pesticides. Shortages of labor and delays in transportation slowed product distribution during critical planting seasons. Despite these issues, farming activities continued due to agriculture's essential status, supporting steady chemical demand. Governments prioritized food production to prevent shortages, helping the market regain momentum. Suppliers adjusted by optimizing supply chains, improving regional sourcing, and using digital channels to support farmers. These adaptations helped mitigate long-term impacts and supported gradual market resilience.

The cereals & grains segment is expected to be the largest during the forecast period

The cereals & grains segment is expected to account for the largest market share during the forecast period due to widespread cultivation and its importance in feeding the global population. Key crops, including wheat, rice, maize, and barley, rely heavily on fertilizers and crop protection chemicals to maximize yield and guard against pests, weeds, and diseases. The persistent global demand for staple grains drives consistent consumption of chemical inputs. Suppliers concentrate on delivering tailored solutions

that boost soil health, enhance crop output, and minimize damage from environmental and biological factors. This strong, continuous demand positions cereals and grains as the largest and most influential segment within the agricultural chemical suppliers market.

The regional/national suppliers segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the regional/national suppliers segment is predicted to witness the highest growth rate. By focusing on local and regional farming requirements, they deliver fertilizers, pesticides, and herbicides tailored to specific crops, soil types, and climatic conditions. Their proximity to farmers allows for faster response times, personalized guidance, and adherence to local regulations, which larger multinational companies may struggle to provide. Supportive government policies, incentives for domestic agricultural businesses, and rising adoption of modern farming practices by small and medium-scale farmers are further accelerating their growth. Leveraging localized expertise and adaptable supply chains, these suppliers are expanding more rapidly than both global corporations and community-level suppliers, positioning themselves as key market growth drivers.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share due to its extensive farmland, large population, and escalating food requirements. Major agricultural nations such as China, India, and neighboring Southeast Asian countries produce diverse crops like cereals, fruits, vegetables, and oilseeds, all of which depend heavily on fertilizers and crop protection chemicals to ensure high yields. Government programs promoting modern farming techniques, mechanization, and awareness of chemical usage further drive market expansion. Strong demand for enhanced agricultural productivity combined with widespread adoption of chemical inputs positions Asia-Pacific as the leading region in both production and consumption of agricultural chemicals, securing its largest share in the global market.

Region with highest CAGR:

Over the forecast period, the Middle East & Africa region is anticipated to exhibit the highest CAGR. Increased adoption of modern farming techniques, irrigation infrastructure, and crop protection measures is boosting the use of fertilizers, herbicides, and pesticides. Key countries such as Egypt, Saudi Arabia, South Africa,

and Nigeria are intensifying production of cereals, vegetables, fruits, and oilseeds to address growing local and international food demands. Government support for agricultural modernization, along with heightened farmer awareness about the benefits of chemical inputs, is driving adoption. Enhanced distribution networks and the presence of both regional and multinational suppliers further contribute to accelerating market growth in this region.

Key players in the market

Some of the key players in Agricultural Chemical Suppliers Market include Bayer CropScience AG, Syngenta Crop Protection AG, BASF SE, UPL Limited, Corteva Agriscience, FMC Corporation, Sumitomo Chemical Co., Ltd., ADAMA Ltd., Nufarm Limited, Mosaic Company, Nutrien Ltd., Yara International ASA, Israel Chemicals Ltd. (ICL), Helm AG and Albaugh LLC.

Key Developments:

In December 2025, Bayer Crop Science Canada has announced the commercial launch of Sivanto? Energy, a new foliar insecticide developed to provide rapid and reliable control of flea beetles in canola. The product combines two active ingredients with different modes of action to support effective pest management during early crop development.

In July 2025, BASF and Equinor have signed a long-term strategic agreement for the annual delivery of up to 23 terawatt hours of natural gas over a ten-year period. The contract secures a substantial share of BASF?s natural gas needs in Europe. This agreement further strengthens our partnership with BASF. Natural gas not only provides energy security to Europe but also critical feedstock to European industries.

In March 2025, Syngenta Crop Protection has signed an agreement with Agrauxine by Lesaffre to private label and exclusively distribute Syngenta?s products STROVEQ? and SPREXIMA?. STROVEQ is a systemic resistance inducer and SPREXIMA, is a biofungicide. These products will be sold and distributed in the ornamental market in the US. This agreement further strengthens the collaboration between Agrauxine and Syngenta.

Product Types Covered:

Fertilizers

Pesticides

Plant Growth Regulators

Adjuvants & Surfactants

Crop Types Covered:

Cereals & Grains

Fruits

Vegetables

Oilseeds

Pulses

Specialty Crops

Supplier Types Covered:

Global Multinational Corporations

Regional/National Suppliers

Local/Community-Level Suppliers

Distribution Channels Covered:

Direct-to-Farm Sales

Cooperatives

Distributors/Dealers

Online Platforms

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Emerging Markets
- 3.8 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL AGRICULTURAL CHEMICAL SUPPLIERS MARKET, BY PRODUCT

TYPE

- 5.1 Introduction
- 5.2 Fertilizers
 - 5.2.1 Nitrogen-based
 - 5.2.2 Phosphate-based
 - 5.2.3 Potash-based
 - 5.2.4 Specialty/compound Fertilizers
- 5.3 Pesticides
 - 5.3.1 Herbicides
 - 5.3.2 Insecticides
 - 5.3.3 Fungicides
 - 5.3.4 Biopesticides
- 5.4 Plant Growth Regulators
- 5.5 Adjuvants & Surfactants

6 GLOBAL AGRICULTURAL CHEMICAL SUPPLIERS MARKET, BY CROP TYPE

- 6.1 Introduction
- 6.2 Cereals & Grains
- 6.3 Fruits
- 6.4 Vegetables
- 6.5 Oilseeds
- 6.6 Pulses
- 6.7 Specialty Crops

7 GLOBAL AGRICULTURAL CHEMICAL SUPPLIERS MARKET, BY SUPPLIER TYPE

- 7.1 Introduction
- 7.2 Global Multinational Corporations
- 7.3 Regional/National Suppliers
- 7.4 Local/Community-Level Suppliers

8 GLOBAL AGRICULTURAL CHEMICAL SUPPLIERS MARKET, BY DISTRIBUTION CHANNEL

- 8.1 Introduction
- 8.2 Direct-to-Farm Sales

- 8.3 Cooperatives
- 8.4 Distributors/Dealers
- 8.5 Online Platforms

9 GLOBAL AGRICULTURAL CHEMICAL SUPPLIERS MARKET, BY GEOGRAPHY

- 9.1 Introduction
- 9.2 North America
 - 9.2.1 US
 - 9.2.2 Canada
 - 9.2.3 Mexico
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.2 UK
 - 9.3.3 Italy
 - 9.3.4 France
 - 9.3.5 Spain
 - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
 - 9.4.1 Japan
 - 9.4.2 China
 - 9.4.3 India
 - 9.4.4 Australia
 - 9.4.5 New Zealand
 - 9.4.6 South Korea
 - 9.4.7 Rest of Asia Pacific
- 9.5 South America
 - 9.5.1 Argentina
 - 9.5.2 Brazil
 - 9.5.3 Chile
 - 9.5.4 Rest of South America
- 9.6 Middle East & Africa
 - 9.6.1 Saudi Arabia
 - 9.6.2 UAE
 - 9.6.3 Qatar
 - 9.6.4 South Africa
 - 9.6.5 Rest of Middle East & Africa

10 KEY DEVELOPMENTS

- 10.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 10.2 Acquisitions & Mergers
- 10.3 New Product Launch
- 10.4 Expansions
- 10.5 Other Key Strategies

11 COMPANY PROFILING

- 11.1 Bayer CropScience AG
- 11.2 Syngenta Crop Protection AG
- 11.3 BASF SE
- 11.4 UPL Limited
- 11.5 Corteva Agriscience
- 11.6 FMC Corporation
- 11.7 Sumitomo Chemical Co., Ltd.
- 11.8 ADAMA Ltd.
- 11.9 Nufarm Limited
- 11.10 Mosaic Company
- 11.11 Nutrien Ltd.
- 11.12 Yara International ASA
- 11.13 Israel Chemicals Ltd. (ICL)
- 11.14 Helm AG
- 11.15 Albaugh LLC

List Of Tables

LIST OF TABLES

Table 1 Global Agricultural Chemical Suppliers Market Outlook, By Region (2024-2032) (\$MN)

Table 2 Global Agricultural Chemical Suppliers Market Outlook, By Product Type (2024-2032) (\$MN)

Table 3 Global Agricultural Chemical Suppliers Market Outlook, By Fertilizers (2024-2032) (\$MN)

Table 4 Global Agricultural Chemical Suppliers Market Outlook, By Nitrogen-based (2024-2032) (\$MN)

Table 5 Global Agricultural Chemical Suppliers Market Outlook, By Phosphate-based (2024-2032) (\$MN)

Table 6 Global Agricultural Chemical Suppliers Market Outlook, By Potash-based (2024-2032) (\$MN)

Table 7 Global Agricultural Chemical Suppliers Market Outlook, By Specialty/compound Fertilizers (2024-2032) (\$MN)

Table 8 Global Agricultural Chemical Suppliers Market Outlook, By Pesticides (2024-2032) (\$MN)

Table 9 Global Agricultural Chemical Suppliers Market Outlook, By Herbicides (2024-2032) (\$MN)

Table 10 Global Agricultural Chemical Suppliers Market Outlook, By Insecticides (2024-2032) (\$MN)

Table 11 Global Agricultural Chemical Suppliers Market Outlook, By Fungicides (2024-2032) (\$MN)

Table 12 Global Agricultural Chemical Suppliers Market Outlook, By Biopesticides (2024-2032) (\$MN)

Table 13 Global Agricultural Chemical Suppliers Market Outlook, By Plant Growth Regulators (2024-2032) (\$MN)

Table 14 Global Agricultural Chemical Suppliers Market Outlook, By Adjuvants & Surfactants (2024-2032) (\$MN)

Table 15 Global Agricultural Chemical Suppliers Market Outlook, By Crop Type (2024-2032) (\$MN)

Table 16 Global Agricultural Chemical Suppliers Market Outlook, By Cereals & Grains (2024-2032) (\$MN)

Table 17 Global Agricultural Chemical Suppliers Market Outlook, By Fruits (2024-2032) (\$MN)

Table 18 Global Agricultural Chemical Suppliers Market Outlook, By Vegetables

(2024-2032) (\$MN)

Table 19 Global Agricultural Chemical Suppliers Market Outlook, By Oilseeds

(2024-2032) (\$MN)

Table 20 Global Agricultural Chemical Suppliers Market Outlook, By Pulses

(2024-2032) (\$MN)

Table 21 Global Agricultural Chemical Suppliers Market Outlook, By Specialty Crops

(2024-2032) (\$MN)

Table 22 Global Agricultural Chemical Suppliers Market Outlook, By Supplier Type

(2024-2032) (\$MN)

Table 23 Global Agricultural Chemical Suppliers Market Outlook, By Global

Multinational Corporations (2024-2032) (\$MN)

Table 24 Global Agricultural Chemical Suppliers Market Outlook, By Regional/National

Suppliers (2024-2032) (\$MN)

Table 25 Global Agricultural Chemical Suppliers Market Outlook, By Local/Community-Level Suppliers (2024-2032) (\$MN)

Table 26 Global Agricultural Chemical Suppliers Market Outlook, By Distribution Channel (2024-2032) (\$MN)

Table 27 Global Agricultural Chemical Suppliers Market Outlook, By Direct-to-Farm Sales (2024-2032) (\$MN)

Table 28 Global Agricultural Chemical Suppliers Market Outlook, By Cooperatives (2024-2032) (\$MN)

Table 29 Global Agricultural Chemical Suppliers Market Outlook, By Distributors/Dealers (2024-2032) (\$MN)

Table 30 Global Agricultural Chemical Suppliers Market Outlook, By Online Platforms (2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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