

Agricultural Adjuvants Market Forecasts to 2032 – Global Analysis By Product Type (Activator Adjuvants, Utility Adjuvants, and Other Product Types), Function, Formulation Type, Source, Application, End User and By Geography

<https://marketpublishers.com/r/A2C81D6B2E28EN.html>

Date: February 2026

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: A2C81D6B2E28EN

Abstracts

According to Statistics MRC, the Global Agricultural Adjuvants Market is accounted for \$4.33 billion in 2025 and is expected to reach \$6.86 billion by 2032 growing at a CAGR of 6.8% during the forecast period. Agricultural adjuvants are auxiliary compounds used alongside pesticides to boost their efficiency during application. These additives help sprays spread evenly, stick better to leaves, and allow active ingredients to penetrate plant tissues more effectively. By minimizing spray drift, wash-off, and evaporation, adjuvants enhance overall treatment performance without acting as crop protection agents on their own. Their primary function is to support precise and efficient pesticide delivery, contributing to improved crop protection outcomes and reduced chemical waste in agricultural operations.

According to PAN Europe, 7% of the groundwater stations in European countries reported excessive levels for one or more pesticides.

Market Dynamics:

Driver:

Adoption of precision agriculture

Farmers are increasingly integrating data-driven technologies to optimize crop protection and nutrient application. This approach improves resource efficiency while

minimizing environmental impact, enhancing overall farm productivity. Advanced sensors and GPS-enabled equipment allow precise monitoring of field conditions, enabling targeted application of adjuvants. Rising awareness about yield improvement and sustainable farming practices is pushing adoption among large-scale farms. Government incentives and agri-tech programs are further encouraging modern farming methods. As precision agriculture expands globally, the reliance on specialized adjuvants to enhance formulation efficacy is expected to rise steadily.

Restraint:

Limited awareness among smallholders

Many smallholders continue to rely on traditional farming practices and underutilize adjuvants. Limited access to extension services and educational programs restricts adoption of innovative crop protection solutions. Financial constraints also prevent smaller farms from experimenting with advanced formulations. In addition, inconsistent field results due to improper usage can reduce trust in adjuvant benefits. Market penetration remains slower in regions dominated by smallholder agriculture. Without focused awareness campaigns and training initiatives, the adoption of agricultural adjuvants among these farmers is likely to remain constrained.

Opportunity:

Integration with biologicals

Combining adjuvants with biofertilizers and biopesticides enhances their stability and field performance. This synergy helps reduce reliance on chemical inputs, supporting more sustainable farming practices. Increasing demand for organic and eco-friendly agricultural products is driving interest in such combinations. Technological innovations allow tailored formulations to suit specific crops and climates. Startups and established players are investing in R&D to optimize these biologically compatible adjuvants. As regulatory frameworks favor eco-conscious solutions, this trend is expected to expand rapidly in the coming years.

Threat:

Volatility in raw material prices

Many formulations rely on petrochemical derivatives, surfactants, and specialty

chemicals whose costs vary widely. Supply chain disruptions, geopolitical tensions, and inflation can amplify price instability. This volatility can impact manufacturing expenses and overall profit margins. Smaller manufacturers are particularly vulnerable due to limited hedging options. Additionally, sudden price increases may slow market growth as farmers adjust purchasing strategies. Companies are increasingly seeking alternative materials and efficient sourcing strategies to mitigate these challenges.

Covid-19 Impact:

The Covid-19 pandemic affected production and distribution in the agricultural adjuvants market. Lockdowns and labor shortages disrupted manufacturing operations across regions. Transportation delays hindered the timely delivery of raw materials and finished products. Farmers faced challenges accessing markets and advisory services, affecting adjuvant adoption rates. However, the crisis highlighted the importance of resilient supply chains and digital advisory platforms. Post-pandemic, there has been a gradual recovery with renewed investments in mechanization and farm inputs. The adoption of e-commerce and agri-tech solutions accelerated, providing a long-term positive impact on market dynamics.

The utility adjuvants segment is expected to be the largest during the forecast period

The utility adjuvants segment is expected to account for the largest market share during the forecast period, due to its wide-ranging application in herbicides, insecticides, and foliar nutrients. These adjuvants improve spray efficiency by enhancing coverage, penetration, and adhesion, making crop protection more effective. Their versatility allows usage across multiple crops, including cereals, fruits, and vegetables.

Technological advancements in formulation chemistry are further increasing their efficacy in various environmental conditions. Growing awareness of yield improvement and precision application methods supports their steady adoption. Large-scale commercial farms prefer these adjuvants for consistent and cost-effective crop management.

The turf & ornamentals segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the turf & ornamentals segment is predicted to witness the highest growth rate, driven by rising investments in landscaping and recreational spaces. Golf courses, parks, and urban green areas are increasingly demanding specialized adjuvant solutions. These formulations are designed to improve plant

appearance, health, and disease resistance. Advances in chemical and biological compatibility allow targeted applications for aesthetic crops. The segment is also benefiting from innovations in environmentally friendly and biodegradable adjuvants. Growing awareness among property managers and landscaping professionals is driving market expansion.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share, due to advanced agricultural practices and strong research initiatives. Commercial farms in the U.S. and Canada are adopting precision agriculture and modern adjuvant technologies to boost efficiency. Government policies and subsidies encourage the use of crop protection and yield-enhancing solutions. Well-established distribution networks ensure smooth availability of agricultural inputs across the region. Investments in R&D enable the development of high-performance adjuvant formulations. Awareness programs and training workshops help farmers optimize usage and reduce environmental impact.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, owing to rapid agricultural modernization and growing food demand. Countries like China, India, and Australia are investing heavily in farm mechanization and high-efficiency inputs. Favorable government initiatives promote adoption of innovative adjuvants among smallholder and large-scale farmers. Expansion of agricultural infrastructure and irrigation facilities supports consistent application of these products. Extension services and digital advisory programs increase farmer awareness and proper usage. The region is also witnessing rising demand for both conventional and eco-friendly formulations.

Key players in the market

Some of the key players in Agricultural Adjuvants Market include BASF SE, Huntsman Corporation, Corteva Agriscience, Brandt Consolidated, Inc., Evonik Industries AG, Stepan Company, Croda International Plc, Wilbur-Ellis Company, Nufarm Limited, AkzoNobel N.V., Dow Chemical Company, Syngenta AG, Clariant AG, Miller Chemical & Fertilizer, LLC, and Helena Agri-Enterprises.

Key Developments:

In January 2026, Corteva Inc. and bp announced the launch of Etlas, their new 50:50 joint venture that will produce oil from crops – including canola, mustard and sunflower for use in the production of biofuels like sustainable (or synthetic) aviation fuel (SAF) and renewable diesel (RD). Etlas will harness both Corteva's century-long expertise in seed technology to develop crops ideally suited to produce SAF and RD as well as bp's expertise in refining and marketing fuel for the commercial transportation market.

In December 2025, BASF, San Fang Chemical Industrial Co., Ltd. and Nichetech Advanced Materials Co., Ltd. have signed a Memorandum of Understanding (MoU) to jointly develop sustainable solutions for the footwear industry, with a focus on thermoplastic polyurethane (TPU) products and a shared ambition to achieve net-zero carbon emissions by 2050.

Product Types Covered:

Activator Adjuvants

Utility Adjuvants

Other Product Types

Functions Covered:

Activator Function

Drift Control Function

Utility Function

Buffering Function

Compatibility Agents

Other Functions

Formulation Types Covered:

Emulsifiable Concentrates

Suspension Concentrates

Water-soluble Adjuvants

Oil-based Formulations

Liquid & Dry Form

Sources Covered:

Petroleum-based

Bio-based

Applications Covered:

Herbicides

Fungicides

Insecticides

Plant Growth Regulators

Other Applications

End Users Covered:

Agriculture

Horticulture

Turf & Ornamentals

Other End Users

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 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 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 ADJUVANTS MARKET, BY PRODUCT TYPE

- 5.1 Introduction
- 5.2 Activator Adjuvants
 - 5.2.1 Surfactants
 - 5.2.2 Oil-based Adjuvants
 - 5.2.3 Wetting Agents
 - 5.2.4 Emulsifiers & Spreaders
- 5.3 Utility Adjuvants
 - 5.3.1 Buffers/Acidifiers
 - 5.3.2 Anti-Foam Agents
 - 5.3.3 Water Conditioners
 - 5.3.4 Drift Control Agents
 - 5.3.5 Compatibility Agents
 - 5.3.6 Stickers
- 5.4 Other Product Types

6 GLOBAL AGRICULTURAL ADJUVANTS MARKET, BY FUNCTION

- 6.1 Introduction
- 6.2 Activator Function
- 6.3 Drift Control Function
- 6.4 Utility Function
- 6.5 Buffering Function
- 6.6 Compatibility Agents
- 6.7 Other Functions

7 GLOBAL AGRICULTURAL ADJUVANTS MARKET, BY FORMULATION TYPE

- 7.1 Introduction
- 7.2 Emulsifiable Concentrates
- 7.3 Suspension Concentrates
- 7.4 Water-soluble Adjuvants
- 7.5 Oil-based Formulations
- 7.6 Liquid & Dry Form

8 GLOBAL AGRICULTURAL ADJUVANTS MARKET, BY SOURCE

- 8.1 Introduction
- 8.2 Petroleum-based
- 8.3 Bio-based

9 GLOBAL AGRICULTURAL ADJUVANTS MARKET, BY APPLICATION

- 9.1 Introduction
- 9.2 Herbicides
- 9.3 Fungicides
- 9.4 Insecticides
- 9.5 Plant Growth Regulators
- 9.6 Other Applications

10 GLOBAL AGRICULTURAL ADJUVANTS MARKET, BY END USER

- 10.1 Introduction
- 10.2 Agriculture
- 10.3 Horticulture
- 10.4 Turf & Ornamentals
- 10.5 Other End Users

11 GLOBAL AGRICULTURAL ADJUVANTS MARKET, BY GEOGRAPHY

- 11.1 Introduction
- 11.2 North America
 - 11.2.1 US
 - 11.2.2 Canada
 - 11.2.3 Mexico
- 11.3 Europe
 - 11.3.1 Germany
 - 11.3.2 UK
 - 11.3.3 Italy
 - 11.3.4 France
 - 11.3.5 Spain
 - 11.3.6 Rest of Europe
- 11.4 Asia Pacific
 - 11.4.1 Japan
 - 11.4.2 China
 - 11.4.3 India

- 11.4.4 Australia
- 11.4.5 New Zealand
- 11.4.6 South Korea
- 11.4.7 Rest of Asia Pacific
- 11.5 South America
 - 11.5.1 Argentina
 - 11.5.2 Brazil
 - 11.5.3 Chile
 - 11.5.4 Rest of South America
- 11.6 Middle East & Africa
 - 11.6.1 Saudi Arabia
 - 11.6.2 UAE
 - 11.6.3 Qatar
 - 11.6.4 South Africa
 - 11.6.5 Rest of Middle East & Africa

12 KEY DEVELOPMENTS

- 12.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 12.2 Acquisitions & Mergers
- 12.3 New Product Launch
- 12.4 Expansions
- 12.5 Other Key Strategies

13 COMPANY PROFILING

- 13.1 BASF SE
- 13.2 Huntsman Corporation
- 13.3 Corteva Agriscience
- 13.4 Brandt Consolidated, Inc.
- 13.5 Evonik Industries AG
- 13.6 Stepan Company
- 13.7 Croda International Plc
- 13.8 Wilbur-Ellis Company
- 13.9 Nufarm Limited
- 13.10 AkzoNobel N.V.
- 13.11 Dow Chemical Company
- 13.12 Syngenta AG
- 13.13 Clariant AG

13.14 Miller Chemical & Fertilizer, LLC

13.15 Helena Agri-Enterprises

List Of Tables

LIST OF TABLES

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

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

Table 3 Global Agricultural Adjuvants Market Outlook, By Activator Adjuvants (2024-2032) (\$MN)

Table 4 Global Agricultural Adjuvants Market Outlook, By Surfactants (2024-2032) (\$MN)

Table 5 Global Agricultural Adjuvants Market Outlook, By Oil-based Adjuvants (2024-2032) (\$MN)

Table 6 Global Agricultural Adjuvants Market Outlook, By Wetting Agents (2024-2032) (\$MN)

Table 7 Global Agricultural Adjuvants Market Outlook, By Emulsifiers & Spreaders (2024-2032) (\$MN)

Table 8 Global Agricultural Adjuvants Market Outlook, By Utility Adjuvants (2024-2032) (\$MN)

Table 9 Global Agricultural Adjuvants Market Outlook, By Buffers/Acidifiers (2024-2032) (\$MN)

Table 10 Global Agricultural Adjuvants Market Outlook, By Anti-Foam Agents (2024-2032) (\$MN)

Table 11 Global Agricultural Adjuvants Market Outlook, By Water Conditioners (2024-2032) (\$MN)

Table 12 Global Agricultural Adjuvants Market Outlook, By Drift Control Agents (2024-2032) (\$MN)

Table 13 Global Agricultural Adjuvants Market Outlook, By Compatibility Agents (2024-2032) (\$MN)

Table 14 Global Agricultural Adjuvants Market Outlook, By Stickers (2024-2032) (\$MN)

Table 15 Global Agricultural Adjuvants Market Outlook, By Other Product Types (2024-2032) (\$MN)

Table 16 Global Agricultural Adjuvants Market Outlook, By Function (2024-2032) (\$MN)

Table 17 Global Agricultural Adjuvants Market Outlook, By Activator Function (2024-2032) (\$MN)

Table 18 Global Agricultural Adjuvants Market Outlook, By Drift Control Function (2024-2032) (\$MN)

Table 19 Global Agricultural Adjuvants Market Outlook, By Utility Function (2024-2032) (\$MN)

Table 20 Global Agricultural Adjuvants Market Outlook, By Buffering Function (2024-2032) (\$MN)

Table 21 Global Agricultural Adjuvants Market Outlook, By Compatibility Agents (2024-2032) (\$MN)

Table 22 Global Agricultural Adjuvants Market Outlook, By Other Functions (2024-2032) (\$MN)

Table 23 Global Agricultural Adjuvants Market Outlook, By Formulation Type (2024-2032) (\$MN)

Table 24 Global Agricultural Adjuvants Market Outlook, By Emulsifiable Concentrates (2024-2032) (\$MN)

Table 25 Global Agricultural Adjuvants Market Outlook, By Suspension Concentrates (2024-2032) (\$MN)

Table 26 Global Agricultural Adjuvants Market Outlook, By Water-soluble Adjuvants (2024-2032) (\$MN)

Table 27 Global Agricultural Adjuvants Market Outlook, By Oil-based Formulations (2024-2032) (\$MN)

Table 28 Global Agricultural Adjuvants Market Outlook, By Liquid & Dry Form (2024-2032) (\$MN)

Table 29 Global Agricultural Adjuvants Market Outlook, By Source (2024-2032) (\$MN)

Table 30 Global Agricultural Adjuvants Market Outlook, By Petroleum-based (2024-2032) (\$MN)

Table 31 Global Agricultural Adjuvants Market Outlook, By Bio-based (2024-2032) (\$MN)

Table 32 Global Agricultural Adjuvants Market Outlook, By Application (2024-2032) (\$MN)

Table 33 Global Agricultural Adjuvants Market Outlook, By Herbicides (2024-2032) (\$MN)

Table 34 Global Agricultural Adjuvants Market Outlook, By Fungicides (2024-2032) (\$MN)

Table 35 Global Agricultural Adjuvants Market Outlook, By Insecticides (2024-2032) (\$MN)

Table 36 Global Agricultural Adjuvants Market Outlook, By Plant Growth Regulators (2024-2032) (\$MN)

Table 37 Global Agricultural Adjuvants Market Outlook, By Other Applications (2024-2032) (\$MN)

Table 38 Global Agricultural Adjuvants Market Outlook, By End User (2024-2032) (\$MN)

Table 39 Global Agricultural Adjuvants Market Outlook, By Agriculture (2024-2032) (\$MN)

Table 40 Global Agricultural Adjuvants Market Outlook, By Horticulture (2024-2032) (\$MN)

Table 41 Global Agricultural Adjuvants Market Outlook, By Turf & Ornamentals (2024-2032) (\$MN)

Table 42 Global Agricultural Adjuvants Market Outlook, By Other End Users (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.

I would like to order

Product name: Agricultural Adjuvants Market Forecasts to 2032 – Global Analysis By Product Type (Activator Adjuvants, Utility Adjuvants, and Other Product Types), Function, Formulation Type, Source, Application, End User and By Geography

Product link: <https://marketpublishers.com/r/A2C81D6B2E28EN.html>

Price: US\$ 4,150.00 (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/A2C81D6B2E28EN.html>