

Agricultural Adjuvants Market By Product Type (Activators, Spray Modifiers, Utility Modifiers), By Utilization Type (Tank-mix Adjuvants, In-can Adjuvants), By Application (Pesticides, Herbicides, Insecticides, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

The global agricultural adjuvants market was valued at \$3.6 billion in 2021, and is projected to reach \$6.4 billion by 2031, growing at a CAGR of 6.1% from 2022 to 2031.

Agricultural adjuvants are type of additives that are added to crop protection products or agrochemicals to improve overall performance. Drift control agents, stickers, wetting agents, water conditioners, and penetrants are types of adjuvants available in the market. □

The growth of the global agricultural adjuvants market is driven by increase in use of adjuvants during pesticide formulation. Use of adjuvants along with pesticide formulation lowers viscosity enabling easy handling during spraying and lowers surface tension, which further improves spreading of agrochemical on target area. Penetration of agrochemical products into leaf waxy structure is utmost important for proper growth of crops. Use of agricultural adjuvants along with agrochemical spray improves penetration capability of sprayed agrochemical and efficiency of agrochemicals. All these factors drives the demand for agricultural adjuvants. In addition, use of agricultural adjuvants with agrochemicals enables proper mixing and handling and improves distribution of agrochemicals with drift reduction, which is another driving factor in the global agricultural adjuvants market. Pest, fungi, insects, and plants tend to pose waxy surfaces making water-based agrochemicals solution difficult to penetrate and reach the target. This, in turn minimizes the efficiency of sprayed agrochemicals. To overcome this problem, agricultural adjuvants are added along with agrochemical spray. Use of adjuvants enables agrochemical spray to penetrate through waxy surface, allowing the spray to reach the target area efficiently. All these factors have increased the use of agricultural adjuvants during agrochemical formulation, thereby driving the growth of the global agricultural adjuvants market. □□

However, toxicological risks associated with the use of agricultural spray adjuvants, such as organosilicone surfactants is

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anticipated to hamper the market growth. Use of agricultural adjuvants along with pesticide formulation tend to effect negatively on the non-target organisms that in turn increases the risk of crop damage. Moreover, several studies suggest and proved the negative effect of agricultural adjuvants on mammals and human body cells. □

Conversely, product development is anticipated to offer new growth opportunities in the global agricultural adjuvants market. Growing concern across the globe regarding organic and bio-degradable-based products has further escalated the need and development of organic-based agricultural adjuvants. Alkyl polyglucoside is a modified sugar-based product that inherently has surfactant-like properties, making it viable to be used as stickers or spreader agricultural adjuvants. However, its organic basis and biodegradability makes it environmentally friendly, which is gaining importance and is anticipated to offer new growth opportunities during the forecast period. In addition, organosilicates are another type of agricultural adjuvants that can be used as spray adjuvants with crop protection products. Organosilicate surfactants are capable of enhancing rainfastness of pesticides and helps to minimize surface tension.□□□ □

The agricultural adjuvants market is segmented on the basis of product type, utilization type, application, and region. On the basis of product type, the market is categorized into activators, spray modifiers, and utility modifier. By utilization type, the market is divided into tank-mix adjuvants and in-can adjuvants (built-in adjuvants). By application, the market is segmented into pesticides, herbicides, insecticides, and others. Region-wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA. The global agricultural adjuvants market profiles leading players that include, BASF SE, Corteva, Croda International Plc, Evonik Industries, GarrCo Products Inc., Helena Agri-Enterprises LLC, Loveland Products Inc., Nufarm, Solvay Inc., and WinField Solutions LLC.□The global agricultural adjuvants market report provides in-depth competitive analysis as well as profiles of these major players.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the agricultural adjuvants market analysis from 2021 to 2031 to identify the prevailing agricultural adjuvants market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the agricultural adjuvants market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global agricultural adjuvants market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Product Type

- Activators
- Spray Modifiers
- Utility Modifiers

By Utilization Type

- Tank-mix Adjuvants
- In-can Adjuvants

By Application

- Pesticides
- Herbicides
- Insecticides
- Others

By Region

- North America
- U.S.

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- Canada
- Mexico
- Europe
- Germany
- U.K.
- France
- Spain
- Italy
- Rest of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- BASF SE
- Corteva
- Croda International Plc
- Evonik Industries
- GarrCo Products Inc.
- Helena Agri-Enterprises LLC
- Loveland Products Inc.
- Nufarm
- Solvay Inc.
- WinField Solutions LLC

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