

# Latin America Crop Protection Chemicals Market by Type (Synthetic [Herbicides, Insecticides, Fungicides], Biological), Form (Liquid, Solid), Mode of Application (Foliar Spray, Seed Treatment, Soil Treatment), and Crop Type - Forecast to 2030

<https://marketpublishers.com/r/L4FC0F024E56EN.html>

Date: October 2023

Pages: 0

Price: US\$ 4,175.00 (Single User License)

ID: L4FC0F024E56EN

## Abstracts

Latin America Crop Protection Chemicals Market by Type (Synthetic [Herbicides, Insecticides, Fungicides], Biological), Form (Liquid, Solid), Mode of Application (Foliar Spray, Seed Treatment, Soil Treatment), and Crop Type—Forecast to 2030

The research report titled 'Latin America Crop Protection Chemicals Market by Type (Synthetic [Herbicides, Insecticides, Fungicides], Biological), Form (Liquid, Solid), Mode of Application (Foliar Spray, Seed Treatment, Soil Treatment), and Crop Type—Forecast to 2030' provides an in-depth analysis of the Latin America crop protection chemicals market across eight major geographies and emphasizes on the current market trends, market sizes, market shares, recent developments, and forecasts till 2030.

In terms of value, the Latin America crop protection chemicals market is expected to reach \$26.04 billion by 2030, at a CAGR of 2.6% from 2023 to 2030. In terms of volume, the market is expected to reach 3,681,637.4 tons by 2030, at a CAGR of 2.2% from 2023 to 2030.

The growth of this market is attributed to the rising need to enhance crop yield and quality, the increasing demand for cost-effective crop protection solutions, the growing awareness about environmental safety, and the decrease in arable land. Additionally, emerging economies in Latin America and the growing emphasis on integrated pest management strategies are expected to offer significant growth opportunities for market players.

The key players operating in the Latin America crop protection chemicals market include BASF SE (Germany), Bayer AG (Germany), Corteva, Inc. (U.S.), FMC Corporation (U.S.), Novozymes A/S (Denmark), Nufarm Limited (Australia), Syngenta AG (Switzerland), UPL Limited (India), Sumitomo Chemical Co., Ltd. (Japan), American Vanguard Corporation (U.S.), and Gowan Company LLC (U.S.).

The study offers a comprehensive analysis of the crop protection chemicals market based on type, form, mode of application, crop type, and geography.

The Latin America crop protection chemicals market is segmented by type (Synthetic Crop Protection Chemicals {Herbicides [glyphosates, acetochlor, 2,4-D, atrazine, and other herbicides], Insecticides [organophosphates, pyrethroids, carbamates, organochlorides, and other insecticides], Fungicides [Triazole, Strobilurins, Chloronitriles, Dithiocarbamates, Phenylamides, Benzimidazoles, and Other Fungicides], Other Synthetic Crop Protection Chemicals} and Biological Crop Protection Chemicals {bioinsecticides, biofungicides, bionematicides, bioherbicides, and other biological crop protection chemicals}), form (liquid form and dry form), mode of application (foliar spray, seed treatment, soil treatment, and other modes of application), crop type (cereals & grains {maize/corn, wheat, and other cereals & grains}, oilseeds & pulses, fruits & vegetables, and other crops), and geography. The study also evaluates industry competitors and analyzes the market at the country level.

Among the types covered in the report, in 2023, the synthetic crop protection chemicals segment is expected to account for the largest share of the Latin America crop protection chemicals market. The significant market share of this segment is attributed to the increasing use of crop protection chemicals in developing countries, their ease of availability, high efficiency, and lower cost compared to biological products.

However, the biological chemicals segment is projected to register the highest growth rate during the forecast period of 2023–2030. The rapid growth of this segment is mainly driven by the increasing adoption of organic farming, growing environmental and public health concerns regarding the use of chemical crop protection products, high demand for chemical residue-free agricultural products, and the initiatives by governments worldwide to promote the use of biological crop protection products.

Based on form, in 2023, the liquid segment is expected to account for the larger share of the Latin America crop protection chemicals market. The significant market share of this segment can be attributed to the benefits offered by liquid crop protection

chemicals, such as uniform and easy application, higher efficacy, and longer effective duration (up to 6 months) compared to the dry form (up to 3 months).

Moreover, the liquid segment is projected to register significant growth during the forecast period. The growth of this segment is driven by the rising adoption of irrigation techniques, such as drip irrigation and sprinkler irrigation, where liquid crop protection chemicals are widely used.

Among the modes of applications covered in this report, in 2023, the foliar spray segment is expected to account for the largest share of the Latin America crop protection chemicals market. The large market share of this segment is attributed to the benefits offered by foliar spray application, such as high efficiency, uniform distribution of chemicals, and minimal to no wastage of crop protection chemicals.

However, the seed treatment segment is projected to register significant growth during the forecast period of 2023–2030. The growth of this segment is mainly driven by the increased germination and uniform seedling emergence, safety, and pest resistance advantages associated with the use of seed treatment techniques. In this method, microbial pesticides are often applied alongside chemical pesticides, as chemical pesticides provide early-season control, and microbial pesticides provide extended control.

Among the crop types covered in this report, in 2023, the fruits & vegetables segment is expected to account for the largest share of the Latin America crop protection chemicals market. The large market share of this segment is attributed to the increasing fruit & vegetable production in Latin America, the growing demand for chemical residue-free organic fruits & vegetables, and the increasing financial losses due to diseases affecting fruit & vegetable crops.

Based on geography, the market is segmented into eight major geographies: Brazil, Mexico, Argentina, Chile, Colombia, Uruguay, Peru, and the Rest of Latin America. In 2023, Brazil is expected to account for the largest share of the Latin America crop protection chemicals market. Brazil's significant market share is attributed to its growing economy, increasing population, vast agricultural area, modernization of farming, limited availability of arable land, high agrochemical consumption, and expanding land coverage under organic cultivation.

Scope of the Report:

## Latin America Crop Protection Chemicals Market Assessment—by Type

### Synthetic Crop Protection Chemicals

#### Herbicides

##### Glyphosates

Potassium Glyphosate

Isopropylamine Glyphosate

Other Salts of Glyphosate

Acetochlor

2,4-D

Atrazine

Other Herbicides

#### Insecticides

Organophosphates

Pyrethroids

Carbamates

Organochlorides

Other Insecticides

#### Fungicides

Triazole

Strobilurins

Chloronitriles

Dithiocarbamates

Phenylamides

Benzimidazoles

Other Fungicides

Other Synthetic Crop Protection Chemicals

Biological Crop Protection Chemicals

Bioinsecticides

Biofungicides

Bionematicides

Bioherbicides

Other Biological Crop Protection Chemicals

Latin America Crop Protection Chemicals Market Assessment—by Form

Liquid

Dry

Latin America Crop Protection Chemicals Market Assessment—by Mode of Application

Foliar Spray

Seed Treatment

Soil Treatment

Other Modes of Application

## Latin America Crop Protection Chemicals Market Assessment—by Crop Type

Fruits & Vegetables

Cereals & Grains

Maize/Corn

Wheat

Other Cereals & Grains

Oilseeds & Pulses

Other Crops

## Latin America Crop Protection Chemicals Market Assessment—by Geography

Brazil

Mexico

Argentina

Chile

Colombia

Uruguay

Peru

Rest of Latin America (RoLATAM)

## Key Questions Answered in the Report:

Which are the high-growth market segments in terms of type, form, mode of application, crop type, and geography?

What was the historical market size for the crop protection chemicals market in Latin America?

What are the market forecasts and estimates for the period 2023–2030?

What are the major drivers, restraints, opportunities, and challenges in the Latin America crop protection chemicals market?

Who are the major players in the market, and what are their market shares?

Who are the major players in various countries, and what are their market shares?

How is the competitive landscape for the Latin America crop protection chemicals market?

What are the different strategies adopted by the major players in the Latin America crop protection chemicals market?

What are the key geographic trends, and which are the high-growth countries?

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