

Crop Protection Chemicals Market Anticipates US\$ 106.7 Billion in Demand by 2031 | by Transparency Market Research, Inc.

Increase in production and demand for open field & protective cultivation is expected to be the primary driver of the global crop protection chemicals market.

WILMINGTON, DELAWARE , UNITED STATES, September 18, 2023

/EINPresswire.com/ -- According to a new report by Expert Market Research titled, "[Global Crop Protection Chemicals Market: Share, Size, Analysis, Report and Forecast 2021-2031](#)", the crop protection chemicals market is projected to grow at a CAGR of 5.7% between 2021 and 2031. Aided by the escalating need for high-quality crop yield and the expanding use of these chemicals in various agricultural practices, the market is expected to grow significantly by 2031.



Global Crop Protection Chemicals Market is expected to reach US\$ 106.7 Bn by 2031, over the forecast period 2021-2031.

For more information, visit https://www.transparencymarketresearch.com/sample/sample.php?flag=S&rep_id=293

Crop protection chemicals, commonly referred to as pesticides, are substances used to control or manage pests that can damage crops and reduce agricultural yields. These pests can include insects, weeds, fungi, bacteria, and other organisms that can threaten the health and productivity of crops. Crop protection chemicals play a significant role in modern agriculture by helping farmers to enhance their crop yields and ensure food security.

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Rising Emphasis on Improved Agricultural Crop Output to Bolster Growth

Biological control, the adoption of resistant varieties, and adjustment of cultural practices are all part of an integrated pest management strategy that focuses on long-term pest prevention. The use of a variety of pest control methods as well as detailed knowledge of the pest life cycle and interactions leads in proper pest management with the least amount of risk to human and animal health. As a result, farmers are gravitating toward such methods since they lessen the environmental dangers connected with insect control. This factor will enable the expansion of the market. Integrated pest control strategies, for example, have enhanced agricultural crop output by 40.14% and 26.63% in rice and cotton harvests, respectively, according to the Directorate of Plant Protection Quarantine & Storage (India).

According to the study's findings, global insect pest losses have decreased from 13.6% in the post-green revolution era to 10.8% at the turn of the century. Pest infestations have decreased as a result of significant changes in agricultural production systems, the use of crop protection agents, and better awareness of field and post-harvest losses as well as essential management measures.

However, the growing pests' resistance to crop pesticides may hinder market growth.

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- In May 2022, Syngenta launched a seed treatment named Victrato. The product targets nematodes and significant soil-borne fungi, improving the quality and productivity of various crops like soybeans, corn, cereals, cotton, and rice.
- In May 2021, Sinochem and ChemChina (China's two centrally administered, state-owned chemical manufacturers) were merged. The new chemical giant will operate in various sectors, like life sciences, material science, basic chemicals, environmental science, rubber and tires, machinery and equipment, and industrial finance.

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- North America (the United States, Canada, and Mexico)
- Europe (Germany, France, the United Kingdom, the Netherlands, Italy, the Nordic countries, Spain, Switzerland, and the remainder of Europe)
- Asia-Pacific (including China, Japan, Australia, New Zealand, South Korea, India, Southeast Asia, and the rest of APAC)

- South America (Brazil, Argentina, Chile, Colombia, and the remaining countries, among others)
- Middle East and Africa (Saudi Arabia, UAE, Israel, Egypt, Turkey, Nigeria, South Africa, and the rest of the MEA)

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- BASF SE
- Covestro AG
- Jiangsu Changqing Agrochemical Co., Ltd.
- Corteva
- FMC Corporation
- Sumitomo Chemical Co., Ltd.
- UPL
- Meghmani Organics Ltd.
- NIHON NOHYAKU CO. LTD.
- Nissan Chemical Corporation
- Agrinos
- ChemChina
- Bharat Rasayan Ltd.
- Aimco Pesticides Ltd.
- Dhanuka Agritech Ltd.
- Ichiban
- Nufarm

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By Product

- Herbicides
 - Glyphosate
 - Atrazine
 - 2,4-D
 - Others
- Insecticides
 - Malathion
 - Carbaryl
 - Chlorpyrifos
 - Others

- Fungicides
 - Chlorothalonil
 - Sulfur
 - PCNB
 - Maneb
 - Others

- Biopesticides
- Bactericides
- Others (including Nematicides and Molluscicides)

By Dosage Technique

- Soil
- Foliar
- Others (including Deep Plowing and Crop Rotation)

By Crop

- Oilseeds & Pulses
- Cereals & Grains
- Fruits & Vegetables
- Others (including Turf and Ornamentals)

By End Use

- Open Field & Protective Cultivation
- Horticulture
- Floriculture
- Others (including Terrace Farming and Arboriculture)

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Demand for [Microbiological Testing of Water Market](#) to Reach US\$ 3.1 Bn

[Polymerase Chain Reaction \(PCR\) Market](#) to Reach USD 8.1 Bn by 2028

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