

# Global Crop Protection Chemicals Market Outlook: 2017-2022

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## Abstracts

Since the beginning of agricultural practices in human civilization, there have been attempts made to protect crops from pests. For instance, before 2000 BC, humans have utilized pesticides to protect their crops. The first known pesticide was elemental sulfur dusting used in ancient Sumer about 4,500 years ago in ancient Mesopotamia. The Rig Veda, an Indian ancient book which is about 4,000 years old, mentions the use of poisonous plants to control pests in agriculture. Crop protection chemicals are vital to the advanced agriculture practices across the globe, and are responsible for increased agricultural production even when the arable area is consistently decreasing.

Global crop protection chemicals market is primarily driven by the rising need to ensure food safety of growing population across the globe. World population is expected to grow by 2.3 billion people, between 2009 and 2050. While there is significant drop in the amount of land being used for the agricultural practices in developed countries; this would create additional burden on the agricultural sector to increase the production significantly. Technological advancements in terms of advanced application methods also aids in the growth of this market.

However, there is a rising concern about the chemical residues in the food and harmful environmental effects of some of the crop protection chemicals which results in banning or prohibiting the use of certain chemicals in agriculture. Also, many crop protection chemicals are known to cause terminal illness to human being, which made government bodies to come up with the stringent rules and regulations to monitor the production and distribution of such chemicals. In developed countries, the rise in health consciousness has created the need for organic food which certainly has negative impact on the growth of crop protection chemicals market in long run.

The global crop protection chemicals market is mainly segmented by type (synthetic, natural), use (herbicides, insecticides, fungicides, and others), crop types (cereal & grains, oilseed & pulses, fruits & vegetables), application (spraying, dusting, seed treatment, soil treatment, volatilization, and others), and form (solid and liquid). Geographically, this market is segmented into North America (U.S., Canada, and Mexico), Europe (France, Germany Spain, Italy, U.K. and RoE), Asia Pacific (China, Japan, India, Australia, and RoAPAC), Latin America (Brazil, Argentina, RoLATAM), and Middle East & Africa.

The market is dominated by few global players despite of facing stiff competition from some of the local players operating at the regional levels. The key players operating in this domain includes the BASF SE, Syngenta AG, E.I. DUPONT De Nemours And Company, FMC Corporation, Sumitomo Chemical Co., Ltd, BAYER Cropscience AG, Nufarm Limited, The Dow Chemical Company, Monsanto Company, ADAMA Agricultural Solutions Ltd., and Platform Specialty Products Corporation.

## **KEY QUESTIONS ANSWERED IN THE REPORT**

Which are the high growth market segments in terms of products, end-users, regions and countries?

What is the historical market for crop protection chemicals across the globe?

What are the market forecasts and estimates from the period 2017-2022?

What are the major drivers, restrains, threats, and opportunities in the global crop protection chemicals market?

What are the burning issues of the global crop protection chemicals market?

Who are the major players in the global crop protection chemicals market and what share of the market do they hold?

Who are the major players in various countries and what share of the market do they hold?

What are the competitive landscapes and who are the market leaders by sub-region in the global crop protection chemicals market?

What are the recent developments in the global crop protection chemicals market?

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

What are the geographical trends and high growth regions/ countries?

What are the local emerging players in the global crop protection chemicals market and how do they compete with the global players?

## Contents

### **1. INTRODUCTION**

- 1.1. Market Ecosystem
- 1.2. Currency and Limitations
- 1.3. Key Stakeholders

### **2. RESEARCH METHODOLOGY**

- 2.1. Research Process
  - 2.1.1. Secondary Research
  - 2.1.2. Primary Research
  - 2.1.3. Market Size Estimation

### **3. EXECUTIVE SUMMARY**

### **4. MARKET INSIGHTS**

- 4.1. Introduction
- 4.2. Drivers
- 4.3. Restraints
- 4.4. Opportunities

### **5. CROP PROTECTION CHEMICALS MARKET, BY TYPE**

- 5.1. Introduction
- 5.2. Synthetic
- 5.3. Natural

### **6. CROP PROTECTION CHEMICALS MARKET, BY USE**

- 6.1. Introduction
- 6.2. Herbicides
- 6.3. Insecticides
- 6.4. Fungicide
- 6.5. Others

### **7. CROP PROTECTION CHEMICALS MARKET, BY CROP TYPE**

- 7.1. Introduction
- 7.2. Cereal & Grains
- 7.3. Oilseed and Pulses
- 7.4. Fruits & Vegetables

## **8. CROP PROTECTION CHEMICALS MARKET, BY APPLICATION**

- 8.1. Introduction
- 8.2. Spraying
- 8.3. Dusting
- 8.4. Seed treatment
- 8.5. Soil treatment
- 8.6. Volatilization
- 8.7. Others

## **9. CROP PROTECTION CHEMICALS MARKET, BY FORM**

- 9.1. Introduction
- 9.2. Solid
- 9.3. Liquid

## **10. CROP PROTECTION CHEMICALS- GEOGRAPHIC ANALYSIS**

- 10.1. Introduction
- 10.2. North America
  - 10.2.1. Introduction
  - 10.2.2. U.S.
  - 10.2.3. Canada
  - 10.2.4. Mexico
- 10.3. Europe
  - 10.3.1. France
  - 10.3.2. Germany
  - 10.3.3. Spain
  - 10.3.4. Italy
  - 10.3.5. U.K.
  - 10.3.6. RoE
- 10.4. Asia Pacific
  - 10.4.1. Introduction

- 10.4.2. China
- 10.4.3. Japan
- 10.4.4. India
- 10.4.5. Australia
- 10.4.6. Rest of APAC
- 10.5. Rest of the World
  - 10.5.1. Introduction
  - 10.5.2. LATAM
    - 10.5.2.1. Brazil
    - 10.5.2.2. Argentina
    - 10.5.2.3. RoLATAM
  - 10.5.3. Middle East & Africa

## **11 GLOBAL CROP PROTECTION CHEMICALS MARKET- COMPETITIVE LANDSCAPE**

- 11.1 Introduction
- 11.2 New Product Launches
- 11.3 Agreements, Partnerships & Collaboration
- 11.4 Expansions
- 11.5 Mergers & Acquisitions
- 11.6 Other Developments

## **12. COMPANY PROFILE**

(The Profile Includes Company Overview, Financials, Products and Services Portfolio, and Recent Developments)

- 12.1. BASF SE
- 12.2. Syngenta AG
- 12.3. E. I. du Pont de Nemours and Company
- 12.4. FMC Corporation
- 12.5. Sumitomo Chemical Co., Ltd.
- 12.6. Bayer Cropscience Ag
- 12.7. Nufarm Limited
- 12.8. The Dow Chemical Company
- 12.9. Monsanto Company
- 12.10. ADAMA Agricultural Solutions Ltd.
- 12.11. Platform Specialty Products Corporation

## LIST OF TABLE

Table 1 Total Global Crop Protection Market: Impact Analysis of Market Drivers (2017–2022)

Table 2 Total Global Crop Protection Market: Impact Analysis of Market Restraints (2017–2022)

Table 3 Global Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 4 Global Crop Protection Chemicals Type Market Size, By Country/Region, 2015-2022 (USD Million)

Table 5 Global Synthetic Crop Protection Chemicals Market Size, By Country/Region, 2015-2022 (USD Million)

Table 6 Global Natural Crop Protection Chemicals Market Size, By Country/Region, 2015-2022 (USD Million)

Table 7 Global Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 8 Global Herbicides Market Size, By Country/Region, 2015-2022 (USD Million)

Table 9 Global Insecticides Market Size, By Country/Region, 2015-2022 (USD Million)

Table 10 Global Fungicide Market Size, By Country/Region, 2015-2022 (USD Million)

Table 11 Global Other Market Size, By Country/Region, 2015-2022 (USD Million)

Table 12 Global Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 13 Global Cereal & Grains Market Size, By Country/Region, 2015-2022 (USD Million)

Table 14 Global Oilseed & Pulses Market Size, By Country/Region, 2015-2022 (USD Million)

Table 15 Global Fruits & Vegetables Market Size, By Country/Region, 2015-2022 (USD Million)

Table 16 Global Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 17 Global Spraying Market Size, By Country/Region, 2015-2022 (USD Million)

Table 18 Global Dusting Market Size, By Country/Region, 2015-2022 (USD Million)

Table 19 Global Seed Treatment Market Size, By Country/Region, 2015-2022 (USD Million)

Table 20 Global Soil Treatment Market Size, By Country/Region, 2015-2022 (USD Million)

Table 21 Global Volatilization Treatment Market Size, By Country/Region, 2015-2022 (USD Million)

Table 22 Global Other Application Treatment Market Size, By Country/Region,

2015-2022 (USD Million)

Table 23 Global Crop Protection Chemicals Market Size, By Form, 2015-2022 (USD Million)

Table 24 Global Solid Crop Protection Chemicals Market Size, By Country/Region, 2015-2022 (USD Million)

Table 25 Global Liquid Crop Protection Chemicals Market Size, By Country/Region, 2015-2022 (USD Million)

Table 26 Global Crop Protection Chemicals Type Market Size, By Country/Region, 2015-2022 (USD Million)

Table 27 North America: Crop Protection Chemicals Market Size, By Country, 2015-2022 (USD Million)

Table 28 North America: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 29 North America: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 30 North America: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 31 North America: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 32 North America: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 33 U.S.: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 34 U.S.: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 35 U.S.: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 36 U.S.: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 37 U.S.: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 38 Canada: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 39 Canada: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 40 Canada: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 41 Canada: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)



Table 42 Canada: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 43 Mexico: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 44 Mexico: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 45 Mexico: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 46 Mexico: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 47 Mexico: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 48 Europe: Crop Protection Chemicals Market Size, By Country, 2015-2022 (USD Million)

Table 49 Europe: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 50 Europe: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 51 Europe: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 52 Europe: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 53 Europe: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 54 France: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 55 France: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 56 France: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 57 France: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 58 France: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 59 Germany: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 60 Germany: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 61 Germany: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Million)

Table 62 Germany: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 63 Germany: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 64 Spain: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 65 Spain: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 66 Spain: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 67 Spain: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 68 Spain: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 69 Italy: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 70 Italy: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 71 Italy: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 72 Italy: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 73 Italy: Crop Protection Chemicals Market Size, By Form, 2015-2022 (USD Million)

Table 74 U.K.: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 75 U.K.: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 76 U.K.: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 77 U.K.: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 78 U.K.: Crop Protection Chemicals Market Size, By Form, 2015-2022 (USD Million)

Table 79 RoE: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 80 RoE: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 81 RoE: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 82 RoE: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 83 RoE: Crop Protection Chemicals Market Size, By Form, 2015-2022 (USD Million)

Table 84 Asia Pacific: Crop Protection Chemicals Market Size, By Country, 2015-2022 (USD Million)

Table 85 Asia Pacific: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 86 Asia Pacific: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 87 Asia Pacific: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 88 Asia Pacific: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 89 Asia Pacific: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 90 China: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 91 China: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 92 China: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 93 China: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 94 China: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 95 Japan: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 96 Japan: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 97 Japan: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 98 Japan: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 99 Japan: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 100 India: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Million)

Table 101 India: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 102 India: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 103 India: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 104 India: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 105 Australia: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 106 Australia: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 107 Australia: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 108 Australia: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 109 Australia: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 110 RoAPAC: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 111 RoAPAC: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 112 RoAPAC: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 113 RoAPAC: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 114 RoAPAC: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 115 RoW: Crop Protection Chemicals Market Size, By Country, 2015-2022 (USD Million)

Table 116 RoW: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 117 RoW: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 118 RoW: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 119 RoW: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 120 RoW: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 121 LATAM: Crop Protection Chemicals Market Size, By Country, 2015-2022 (USD Million)

Table 122 LATAM: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 123 LATAM: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 124 LATAM: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 125 LATAM: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 126 LATAM: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 127 Brazil: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 128 Brazil: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 129 Brazil: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 130 Brazil: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 131 Brazil: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 132 Argentina: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 133 Argentina: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 134 Argentina: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 135 Argentina: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 136 Argentina: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 137 RoLATAM: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 138 RoLATAM: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 139 RoLATAM: Crop Protection Chemicals Market Size, By Crop, 2015-2022

(USD Million)

Table 140 RoLATAM: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 141 RoLATAM: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 142 Middle East & Africa: Crop Protection Chemicals Market Size, By Type, 2015-2022 (USD Million)

Table 143 Middle East & Africa: Crop Protection Chemicals Market Size, By Use, 2015-2022 (USD Million)

Table 144 Middle East & Africa: Crop Protection Chemicals Market Size, By Crop, 2015-2022 (USD Million)

Table 145 Middle East & Africa: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

Table 146 Middle East & Africa: Crop Protection Chemicals Market Size, By Application, 2015-2022 (USD Million)

## List Of Figures

### LIST OF FIGURES

Figure 1 Market Ecosystem

Figure 2 Currency and Limitations

Figure 3 Key Stakeholders

Figure 4 Research Process

Figure 5 Key Executives Interviewed

Figure 6 Primary Research Techniques

Figure 7 Key Opportunities

Figure 8 Herbicides Dominates the Global Crop Protection Chemicals Market

Figure 9 Global Crop Protection Chemical Market Share, By Geography, 2016

Figure 10 Market Dynamics

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