



# Market Outlook for Crop Protection Chemicals

According to the **market database**, agrochemicals are widely available in dry or liquid forms. [Market research tools](#) suggest that liquid crop protection chemicals are preferred as they offer significant advantages such as low cost, can be easily mixed, longer shelf life, easy to handle, and sustainable. Water-based, oil-based, polymer-based, or other combinations are some of the available liquid crop protection firms in the market.

## Classification Based on Source:

According to the **market database**, crop protection chemicals are obtained from two distinct sources which are synthetic sources and biopesticides. **Market research** suggests that synthetic sources are manufactured in dedicated laboratories and contain a heavy mixture of chemicals. Such type of sources is marked as dangerous and toxic if not used in a controlled manner. According to **market research** performed via **market research tools**, higher concentrations of synthetic pesticides can dampen the quality of the crops and pose significant health risks to the consumer. **Market database** indicates that recent advancements in the market have allowed reducing the impact of these chemicals. **Market research** states that synthetic chemicals have commanded a greater share in the market as they are easy to produce and can be deployed easily.

## Varied Types of Crop Protection Chemicals:

**Market database** states that the crop protection chemicals are available in different forms to target specific external agents. According to [market research reports](#), the vertical is divided into herbicides, insecticides, fungicides, rodenticides, disinfectants, fumigants, plant growth regulators, and others. **Market database** suggests that the herbicide vertical has experienced a greater share in the market. Herbicides are defined as substances that kill or prevent the growth of unwanted plants such as weeds.

## Mode of Application for Crop Protection Chemicals:

As the crop protection chemicals are available in dry and liquid forms, they are utilized in different ways to deliver the desired output. **Market research tools** suggest that this includes the use of methods such as foliar spray, seed treatment, soil treatment, and others. The foliar spray method is defined as a technique of feeding plants by application of liquid crop protection chemicals directly to the leaves. According to the **market database**, the foliar spray segment accounts for a maximum percentage of the market share generated. [Market research platforms](#) like **Global Market Database** can be used to study the value chain and the growth in end-users associated with a sector as well. This method is used widely in different regions as it is easy to administer and involves less time.

### **Growth Factors in Crop Protection Chemical Market:**

**Market database** indicates that the increased need for food security coupled with a rise in population has led to the growth of this market. According to **market research platforms**, a rise in population has led to greater production of agricultural products to provide a safe food supply. As per the International Food Policy Research Institute, almost 690 million people went hungry around the world in the year 2019. Government policies have supported the use of crop protection chemicals in a controlled manner. The impact of government policies on this industry vertical and the **agriculture module** can be studied using **Global Market Database**. The **market research tool** provides **free market data** for the first 5 **Global Market Database** website logins. **Market research** suggests that recent policies are drafted in support of biopesticides to reduce the impact of chemicals on the crops and the consumer's body.

### **APAC Region Analysis for Crop Protection Chemicals:**

According to the **market database**, the region is the largest consumer of crop protection chemicals due to greater population density and increased agricultural activities. According to the Food and Agriculture Organization (FAO), Brazil, China, and the U.S are the major consumers of crop protection products. China and India are the countries that are expected to drive growth in this region. **Market research reports** suggest that major players across the globe have established their research and manufacturing units. The regional competitive mapping for a sector can also be studied via **Global Market Database**. The **market intelligence platform** provides customized **market research reports** as per the client's requirements.