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USP OF THIS REPORT
Benchmarking With Other Publishers

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Herbicide Safeners Market Research Report - Global Forecast till 2027


Description:

Market Scenario

Global Herbicide Safeners Market size is projected to reach approximately USD 2,435.2 Million by 2027, at a CAGR of 7.6% from 2020 to 2027. Herbicide safeners are a group of chemically diverse compounds with the unique ability to protect crop plants from injury by certain herbicides without impairing weed control efficacy. Chemical safeners is a practical, efficient and simple method of improving herbicide selectivity. This method has been applied successfully in cereal crops such as wheat, soybean, barley, maize, rice, and sorghum.

The demand for herbicide safeners is increasing at a tremendous rate with the rising demand for herbicides worldwide. Adequate application of herbicides in the field positively impacts crop growth, yield quality, and quantity of yield. Owing to its benefits in agriculture, there is an upsurge in demand for herbicides to fulfill the need of the increasing population. However, in addition to the benefits of herbicides, they can also be toxic to the environment and human beings. The application of herbicides may result in chemical residues that can be harmful for human consumption. Thus, safeners are added to herbicides to protect the crops from herbicide-related injury.

The COVID-19 outbreak has turned the lives of people across the globe, and its impact across the industries is different. The COVID-19 outbreak flipped the growth switch in every sector of the economy, and the agricultural industry is no exception. The COVID-19 pandemic has impacted the supply chain of herbicide safeners, as many countries are under lockdown and have sealed their borders to curb the spread of the virus. Strict containment measures imposed by governments of various countries and preventive measures to control the impact of the outbreak have led to a significant restriction in transportation. The COVID-19 impact on logistics has hampered the supply of raw materials, resulting in a shortfall in the production of the product. These factors are expected to result in a price hike of herbicide safeners in the short run.

Market Synopsis

Global Herbicide Safeners Market has witnessed high growth in recent years. The rising population followed by increasing concern for food security has increased the use of herbicides among the farmers leading to increased instances of herbicide-induced crop damage. This is driving the market growth of herbicide safeners. Looking to the need of the product, more and more manufacturers are incorporating safeners in their herbicide formulations. Product launches are expected to boost the market growth during the forecast period. In September 2018, HELM Agro US launched a line of Fearless-brand herbicides which are acetochlor-based weed control tools for corn. The rising adoption of contract farming, where companies provide significant agricultural inputs, is leading to product awareness and supporting product growth. However, a regulatory ban on certain herbicides in various regions may hamper the market growth during the review period.

Market USP

Increasing instances of toxicity of herbicides on crops

Market Drivers

- **High demand for herbicides across the globe:** According to FAO, the world usage of herbicides in 2018 was around 1,216 KT. Owing to increasing need of high yields, farmers are largely dependent on chemical herbicides to improve productivity. The world population is expected to reach 9.1 billion by
2050, and feeding this rising population would require raising overall food production by some 70 percent between 2005/07 and 2050. Thus, it is necessary to have high crop yields to fulfill the needs of this large population. This has resulted in the increasing adoption of herbicides, which is driving the market growth of herbicide safeners.

- **Rising production of cereals and grains**
- **Increasing focus of manufacturers in including safeners in herbicide formulations**
- **Rising awareness for the product in the developing countries**

**Market Restraints**

- Regulatory ban on certain herbicides

**Segmentation**

**By Type**

- **Benoxacor**: This segment accounted for the largest market share in 2019. Benoxacor is the most widely used safener in herbicides and is mostly applied to enhance the yields of corn and wheat. High production of these crops across the globe is driving the growth of benoxacor as a safener in the formulations of herbicides.
- **Furilazole**
- **Dichlormid**
- **Isoxadifen**
- **Others**

**By Application Stage**

- **Post-Emergence**: This segment is projected to have the highest growth rate during the forecast period. Farmers across the globe are mainly preferring the post-emergence stage for the application of herbicide safeners owing to their effectiveness. Product launches of herbicide safeners for application at the post-emergence stage are boosting the segment growth.
- **Pre-Emergence**

**By Herbicide Selectivity**

- **Selective Herbicides**
- **Non-Selective Herbicides**: Non-selective herbicides are a broad spectrum in which herbicides are formulated to control both broadleaf and grass weeds. Growing demand for GM crops is projected to boost the growth of safeners in non-selective herbicides.

**By Crop Type**

- **Wheat**
- **Soybean**
• **Sorghum**

• **Maize**: This segment accounted for the largest market share in 2019 and is projected to retain its dominance throughout the forecast period. Maize is widely grown across the globe and has the highest production of all the cereals, for which application of herbicide safeners is dominated by this segment.

• **Rice**

• **Barley**

• **Others**

**By Region**

• **North America**: North America accounted for the largest market share in 2019, with the US being the major contributing country. North America is constantly adopting new agricultural technologies and applying these techniques in domestic farming systems. The companies in North America are investing and expanding their production facilities for herbicide safeners.

• **Europe**

• **Asia-Pacific**: Asia-Pacific is one of the most lucrative markets for herbicide safeners during the forecast period. In this region, farmers are becoming aware of safeners used in herbicides and their benefits. Also, India and China are among the top countries with large agricultural land. The growth of the agricultural sector and increasing awareness of the product among the farmers of these developing countries is driving the market growth.

• **Rest of the World**

**Key Players**

• DowDuPont Inc. (US)

• BASF SE (Germany)

• Bayer AG (Germany)

• Syngenta AG (Switzerland)

• Nufarm Limited (Australia)

• Adama Agricultural Solutions (Israel)

• Arysta LifeScience (US)

• Drexel Chemical Company (US)

• Land O’Lakes (US)

• Sipcam-Oxon Group (Italy)

• Helm AG (Germany)

• Tenkoz (US)

• UPL Limited (India)
Global Herbicide Safeners Market

Global Herbicide Safeners Market is projected to reach USD 2,435.2 Million by 2027 registering a CAGR of 7.4% during the forecast period. This method has been applied successfully in cereal crops such as wheat, soybean, barley, maize, rice, and sorghum.

**BY TYPE**
- Benzenicar
- Furfural
- Dichloromide
- Isocyanides
- Others

**BY APPLICATION STAGE**
- Post-Emergence
- Pre-Emergence

**BY REGION**
- North America
- Europe
- Asia-Pacific
- Rest of the World

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**DRIVERS:**
- High Demand for Herbicides Across the Globe
- Rising production of cereals and grains

**KEY PLAYERS:**
- DowDuPont Inc. (US)
- BASF SE (Germany)
- Bayer AG (Germany)
- Syngenta AG (Switzerland)
- Nufarm Limited (Australia)
- Adama Agricultural Solutions (Israel)
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