

NORTH AMERICA CROP PROTECTION MARKET FORECAST 2017-2025

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Abstracts

KEY FINDINGS

North America has a good market share of crop protection chemicals due to high awareness and advances in farming practices and technology. The North America Crop Protection market generated revenue of \$5726 Million in 2016 and is anticipated to contribute \$13634 Million by 2025, growing at a CAGR of 11.9%. Various reasons for growth of the crop protection market are rapidly increasing need for food due to continuously rising population, decrease in arable land, need for higher crop yield and increasing purchasing power.

Crop protection refers to usage of pesticides to protect crop from pest by controlling their population and safeguarding them so that no damage is caused to crop and their yield. Pesticides are an integral part of agriculture industry and although it's a mature industry there are growing awareness and demand for biopesticides to minimize environmental harm. Certain pesticides like glyphosate, atrazine and chlorpyrifos have been phased out and this is expected to increase the demand for biopesticides. Biopesticides are made from animals, plants, bacteria and minerals and help in controlling pests by non-poisonous methods.

Crop protection market is segmented on the basis of geography, crop type, mode of application, form, origin and type. Various crop types for which pesticides are used are cereals and grains, fruits and vegetables, oilseeds and pulses and others. Mode of application of pesticides can be foliar spray, seed treatment and soil treatment. Pesticides can be either in liquid or solid form. Pesticide origin can be either synthetic or bio-based. Types of pesticides used for crop protection are herbicides, fungicides, insecticides and others.

MARKET INSIGHTS

Market drivers for crop protection are increasing demand for food, decrease in arable land due to growing urbanization, increasing population, need for better crop yield, higher awareness about food and health safety and advances in farming practices and technology.

Herbicides currently have the biggest share, of nearly 35%, and are expected to report highest growth in the forecast period. Fungicides are the next popular crop protection method after herbicides and has nearly 23% market share. Demand for fungicides is expected to increase over the next seven years due to favorable climatic conditions for fungal growth. Fungicides can be either protectants or eradicants. Biopesticide market will be driven by microbial seed treatment on field crops.

Cereals and grains was the largest application market for pesticides and had 30% market share of total crop protection volume. Pesticides are most commonly used for wheat, rice, sorghum, oats and barley. Liquid form of pesticides was used more commonly than solid form of pesticides. Synthetic pesticides lead the crop protection market but there is growing demand for biopesticides as there is increasing awareness about them being eco-friendly and less toxic.

There are different modes of application for crop protection chemicals and foliar spray is the most popular mode currently. Seed treatment market is predicted to report good growth in the next few years due to rising demand for seeds treated with crop protection chemicals.

Factors that will restrain market growth are stringent government regulations against use of synthetic pesticides, ban on certain pesticides and high product development and registration costs.

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