

## Report Information

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# Crop Sprayer Market Research Report - Global Forecast till 2030

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**Description:** The worldwide crop sprayer market is expected to rise at a CAGR of 4.44% during the projected 2022-2030.

## Crop Sprayer Market Overview

Agriculture sprayers are farming equipment used by farmers for quick, efficient application of liquid substances, convenient like fertilizers, herbicides and pesticides, containing acids or acidic materials for plants or soil to develop the crop performance and control pests. They are also utilized to project the water, weed killers, crop performance materials, pest maintenance chemicals and manufacturing and production of the line ingredients. They are currently available in various sizes and types, ranging from portable sprayers with spray guns to advanced atomizers or self-propelled units and trailed or mounted sprayers connected to a tractor.

Pesticides play a significant role in maintaining crop health and enhancing farm productivity across the agricultural sector. With the growing global population and declining arable land, the focus has presently shifted towards using modern agricultural approaches like agricultural sprayers for improving crop productivity. However, rising food security concerns and governing agencies of numerous countries undertake several initiatives to promote the contemporary farming practices that contribute to the market growth. However, the escalating need for spraying livestock to kill ticks is in confluence with the increasing awareness among the individuals about food safety, which is creating a positive influence on the market.

## Crop Sprayer Market Top Key Competitors

The key players of the global crop sprayer market are Chafer Machinery Ltd (UK), Zhejiang Ousen Machinery Co., Ltd. (China), CNH Industrial (UK), Bucher Industries (Switzerland), Deere & Company (US), Taizhou Sunny Agricultural Machinery Co., Ltd (China), Exel Industries (France), STIHL Holding AG & Co. KG (Germany), Hymatic Agro Equipment Pvt. Ltd (India), and ASPEE Group (India).

## Industrial News:

The agriculture crop sprayers market is moderately consolidated. A lot of developments are taking place in the market. However, partnerships or collaborations are the most common of all the strategies adopted, followed by mergers and acquisitions. Major companies are acquiring regional sprayer companies, which is expected to lead to the consolidation of the market eventually.

Various technologies, like agriculture drones and driverless sprayers, provide important and attractive opportunities for the growth of the agricultural crop sprayers market. A drone uses the latest technologies of various tiny sensors, like accelerometers, GPS modules, powerful processors and digital radios to provide the farmers with the information.

North America held for the second largest market for the crop sprayer, as it is the primary producer of wheat, corn, and soybean, which require the use of agricultural equipment such as crop sprayer, thereby driving the growth of the market.

## Crop Sprayer Market Segmentation

The global crop sprayer market has been segmented based on product, capacity, and region.

- By Product: Fuel-based, electric, and handheld
- By Capacity: Ultra-low-volume sprayers, low-volume sprayers, and high-volume sprayers

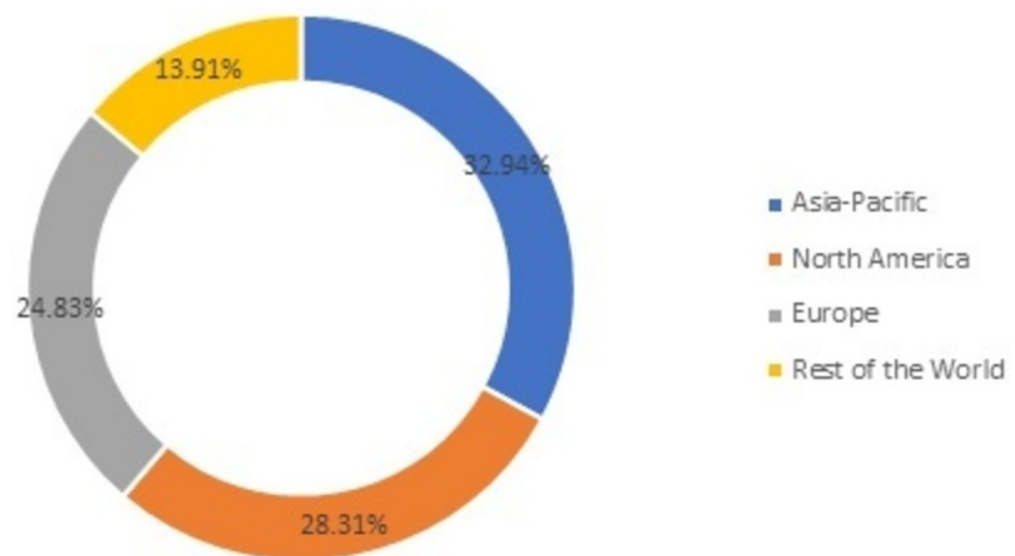
The crop sprayer global market by product has been segmented into fuel-based, electric, and handheld. Among these product types, in 2018, the global market was led by fuel-based and is projected to lead throughout the forecast period. The fuel-based crop sprayers run by use of conventional fuel such as diesel, gasoline, and petrol. The sprayer consists of an integrated or external spray tank, a high-pressure piston pump usually powered by a petrol engine, a pressure regulating valve and a hose. The fuel-based crop sprayers require expensive fuel and exhaust carbon dioxide as a pollutant that is harmful to the environment. These factors are expected to influence the demand for crop sprayers in the global market during the forecast period.

Based on capacity, the market has been segmented into ultra-low-volume sprayers, low-volume sprayers, and high-volume sprayers. Among these applications, the high-volume sprayers led the global crop sprayers market in 2018 and further expected to dominate during the forecast period. High volume sprayers usually spray solutions, prepared by mixing water with appropriate quantities of pesticides. This diluted mixture is sprayed by using hydraulic nozzles. The volume of liquid handled by high volume sprayers is more than 400 liters per hectare.

### Crop Sprayer Market Regional Analysis

On the basis of region, the global market of crop sprayer is segmented into North America, Europe, Asia-Pacific (APAC), and the rest of the world (RoW).

#### Global Crop Sprayer Market, by Region, 2018



#### Source: MRFR Analysis

In Europe, the increasing farm sizes and the existence of a vast number of vendors are the primary factors for the growth of the market. Other factors contributing to the growth of the market in the European region are, high demand for self-propelled sprayers and sprayers with large booms and nozzles, which are being used for agricultural activities.

The rest of the world includes countries such as Latin America and the Middle East & Africa. In the Middle East & Africa, the large-scale irrigation along with increasing mechanization is enabling extensive production of high-value cash crops such as fruits, vegetables, cereals, and sugar. The production of rice, maize, lentils, chickpeas, vegetables, and fruits in the region also contribute to the growth of the global market.

### Synopsis

The crop sprayer global market has been segmented based on product, capacity, and region. On the basis of the product, the market segmented into fuel-based, electric, and handheld. Among these types, the fuel-based segment is projected to be dominant throughout the forecast period, whereas the electric has registered as the fastest growing technology. On the basis of application, the high volume sprayers segment is projected to be dominant throughout the forecast period. On the basis of region, Asia-Pacific has accounted for the largest market share for Crop Sprayer followed by North America and Europe.

### Key Questions Addressed by the Report

- What was the historic market size (2018)?
- Which segmentation (product/capacity) is driving market growth?

- What will be the growth rate by 2025?
- Who are the key players in this market?
- What are the strategies adopted by key players?

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