

Global Precision Weeding Market To Reach \$2.90 Billion By 2028 With A Growth Rate Of 13.7%

The Business Research Company's Precision Weeding Global Market Report 2024 - Market Size, Trends, And Global Forecast 2024-2033

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The precision weeding market has experienced rapid growth in recent years and is expected to continue expanding, increasing from \$1.53 billion in 2023 to \$1.73 billion in 2024, at a compound annual growth rate (CAGR) of 13.5%. The growth during this period can be attributed to several factors, including the increasing demand for higher crop yields, growing awareness of herbicide resistance, the rising prevalence of herbicide-resistant weeds, favorable government regulations, and various government initiatives.

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The precision weeding market size is expected to see rapid growth in the next few years. It will grow to \$2.90 billion in 2028 at a compound annual growth rate (CAGR) of 13.7%.”

The Business Research Company

[Global Precision Weeding Market](#) Size: What Are the Forecasts for Market Growth and Annual Expansion? The precision weeding market is expected to experience rapid growth in the coming years, reaching \$2.90 billion by 2028 with a compound annual growth rate (CAGR) of

13.7%. This growth can be attributed to several key factors, including the rising demand for sustainable farming practices, increasing labor costs, greater adoption of precision agriculture techniques, growing government support for eco-friendly farming, and a steadily expanding global population.

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What Are The Key Growth Drivers In The Precision Weeding Market?

The increasing demand for organic produce is expected to drive the growth of the precision weeding market in the coming years. Organic produce includes fruits, vegetables, and other crops grown without the use of synthetic pesticides, fertilizers, genetically modified organisms (GMOs), or artificial additives, following environmentally sustainable farming practices. This demand is rising due to greater consumer awareness of health, environmental sustainability, and concerns about synthetic chemicals and pesticides in conventionally grown foods. Precision weeding plays a crucial role in organic farming by eliminating weeds without relying on synthetic herbicides, thereby helping maintain organic standards while improving efficiency and boosting crop yields.

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Who are the Key Industry Players Stepping Up in the Precision Weeding Market?

Key players in the precision weeding market include Robert Bosch GmbH, BASF SE, Deere & Company, CNH Industrial N.V., Trimble Inc., SZ DJI Technology Co. Ltd., FarmWise Labs Inc., Carbon Autonomous Robotics Systems Inc., Blue River Technology, AgEagle Aerial Systems Inc., EINBÖCK GmbH, Ecorobotix SA, Hummingbird Technologies, Agrifac Machinery B.V., XAG Co. Ltd., Agremo Ltd., WeedBot, KULT Kress, WEED-IT, Naïo Technologies, Tillett and Hague Technology Ltd., Homburg Holland, AgriExpo.

What Trends Are Shaping The Growth Of The Precision Weeding Market Size?

Leading companies in the precision weeding market are concentrating on developing advanced technologies, such as integrating computer vision into weeding machines, to enhance weed detection accuracy, reduce herbicide usage, and improve overall crop management efficiency. Computer vision, an AI-based technology, enables machines to analyze and interpret visual data, such as images and videos, by recognizing objects and identifying visual patterns. This technology plays a crucial role in improving the precision and effectiveness of weeding processes.

What Are the Different Segments of the Global Precision Weeding Market?

- 1) By Type: Weed Detection Platform, Weed Management
- 2) By Site Of Application: Open Field, Controlled-Environmental Agriculture
- 3) By Application: Agriculture, Non-Agriculture

Geographical Insights: North America Leading The Precision Weeding Market

North America was the largest region in the market in 2023. Asia-Pacific is expected to be the fastest-growing region in the report during the forecast period. The regions covered in the report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East,

Africa.

What Is The Definition Of The Precision Weeding Market?

Precision weeding is a cutting-edge agricultural method that leverages technology to selectively and efficiently identify and remove weeds. It incorporates machine vision, artificial intelligence (AI), robotics, and GPS-guided tools to target and eliminate weeds while minimizing harm to crops. This practice reduces the need for herbicides, enhances crop health, and boosts farm productivity by precisely removing unwanted plants without affecting the surrounding vegetation.

The Precision Weeding Global Market Report 2024 from The Business Research Company includes the following key information:

- Market size data for both historical and future periods
- Analysis of both macro and microeconomic factors that have impacted the market over the past five years
- Regional market analysis covering Asia-Pacific, China, Western Europe, Eastern Europe, North America, the USA, South America, and the Middle East and Africa
- Country-specific market analysis for Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, the UK, and the USA.

[Overview of the Global Precision Weeding Market](#) Report: Trends, Opportunities, Strategies, and More

The Precision Weeding Global Market Report 2024 from The Business Research Company is an extensive resource that delivers insights into precision weeding market size, precision weeding market drivers and trends, precision weeding competitors' revenues, and precision weeding market growth across geographies. This report provides valuable in-depth insights into potential opportunities and strategies. Companies can utilize the information presented to target segments with the greatest growth potential.

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