

Precision Farming: Utilizing Technology for Efficient and Sustainable Agriculture

Increasing use of advanced agricultural techniques and smartphones are major factors driving market revenue growth

SURREY NORTH, BRITISH COLUMBIA, CANADA, February 7, 2023 /EINPresswire.com/ -- Precision Agriculture:

Precision agriculture is a farming management concept that uses technology to precisely monitor, map, and control various aspects of agriculture such as soil variability, crop



growth, and resource utilization, with the goal of increasing efficiency and productivity while reducing waste and negative impact on the environment

The global <u>precision agriculture market size</u> reached USD 6.98 Billion in 2021 and is expected to register a revenue CAGR of 12.9% during the forecast period, according to latest analysis by Emergen Research

The report also highlights the most important factors influencing industry revenue growth, including drivers, opportunities, trends, restraints, challenges, demand and supply ratios, production and consumption patterns, strict regulatory frameworks, and a multitude of microeconomic and macro-economic factors. Precision Agriculture industry projections and qualitative and quantitative assessments have been provided by the report's authors

Rising demand for smartphone integration in precision agriculture has been driven by rise in smartphone popularity. Companies have developed sophisticated programs that are compatible with all smartphones. Farmers may monitor the field from anywhere, and the data is stored in the cloud as a backup through smartphone connectivity. Smartphones satisfy farmers' demands since they provide connectivity via Bluetooth, USB, and Wi-Fi. As a result, rising use of smartphones has generated significant revenue growth in the global precision agricultural market. Farmers in developing countries have adopted advanced technology, and use of

smartphones in farming activities has helped them achieve almost double revenue and productivity of several other farmers.

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Report Scope:

Forecast Period: 2022-2030

CAGR: 12.9%

Base Year: 2022

Number of Pages: 250

The section on the competitive landscape offers valuable and actionable insights related to the business sphere of the Precision Agriculture market, covering extensive profiling of the key market players. The report offers information about market share, product portfolio, pricing analysis, and strategic alliances such as mergers and acquisitions, joint ventures, collaborations, partnerships, product launches and brand promotions, among others. The report also discusses the initiatives taken by the key companies to combat the impact of the COVID-19 pandemic.

Key Companies Profiled in the Report are:

AG Leader Technology, Deere & Company, Trimble, Inc. (U.S.), AGCO Corporation (U.S.), Raven Industries Inc. (U.S.), Agjunction, Site-Specific Technology Development Group, Inc., CropMetrics LLC, Dickey-john Corporation, and Topcon Positioning Systems, Inc.

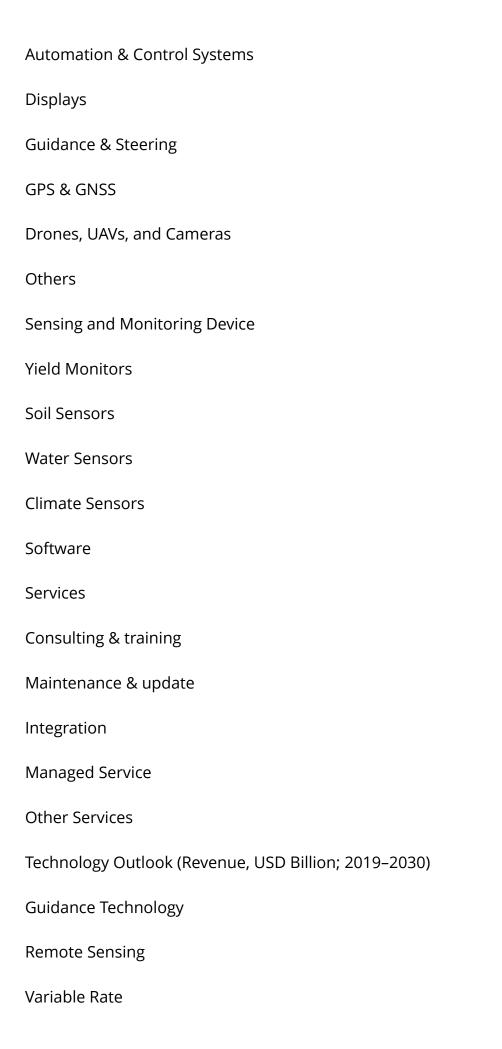
Market Overview:

The report bifurcates the Precision Agriculture market on the basis of different product types, applications, end-user industries, and key regions of the world where the market has already established its presence. The report accurately offers insights into the supply-demand ratio and production and consumption volume of each segment.

Emergen Research has segmented the global precision agriculture market based on component, technology, application, and region:

Component Outlook (Revenue, USD Billion; 2019–2030)

Hardware



Application Outlook (Revenue, USD Billion; 2019–2030) **Crop Scouting** Field Mapping Variable Rate Application **Yield Monitoring** Weather Tracking & Forecasting Irrigation Management **Inventory Management** Farm Labor Management Others Regional Landscape section of the Precision Agriculture report offers deeper insights into the regulatory framework, current and emerging market trends, production and consumption patterns, supply and demand dynamics, import/export, and presence of major players in each region. The various regions analyzed in the report include: North America (U.S., Canada) Europe (U.K., Italy, Germany, France, Rest of EU) Asia Pacific (India, Japan, China, South Korea, Australia, Rest of APAC) Latin America (Chile, Brazil, Argentina, Rest of Latin America) Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of MEA) To know more about the report, visit @ https://www.emergenresearch.com/industryreport/precision-agriculture-market

Research Report on the Precision Agriculture Market Addresses the Following Key Questions:

Who are the dominant players of the Precision Agriculture market?

Which regional market is anticipated to have a high growth rate over the projected period?

What consumer trends and demands are expected to influence the operations of the market players in the Precision Agriculture market?

What are the key growth drivers and restraining factors of the Precision Agriculture market?

What are the expansion plans and strategic investment plans undertaken by the players to gain a robust footing in the market?

What is the overall impact of the COVID-19 pandemic on the Precision Agriculture market and its key segments?

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