

Global Agriculture Sensing and Monitoring Devices Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Agriculture Sensing and Monitoring Devices market size was valued at USD 604 million in 2023 and is forecast to a readjusted size of USD 915.7 million by 2030 with a CAGR of 6.1% during review period.

Smart agriculture, also known as precision agriculture, allows farmers to maximize yields using minimal resources such as water, fertilizer, and seeds. Agriculture Sensing and Monitoring Devices are the components of this kind of modern farming system.

Improving the efficiency of agricultural machinery reduces the cost of agricultural operations and maximizes profitability. Additionally, good management might reduce the environmental impact. Farmers are increasingly using telematics technology to collect and manage information from their field equipment.

The Global Info Research report includes an overview of the development of the Agriculture Sensing and Monitoring Devices industry chain, the market status of Yield Monitoring (Automation & Control Systems, Sensing Devices), Field Mapping (Automation & Control Systems, Sensing Devices), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Agriculture Sensing and Monitoring Devices.

Regionally, the report analyzes the Agriculture Sensing and Monitoring Devices markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Agriculture Sensing and Monitoring Devices market, with robust

domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Agriculture Sensing and Monitoring Devices market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Agriculture Sensing and Monitoring Devices industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Automation & Control Systems, Sensing Devices).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Agriculture Sensing and Monitoring Devices market.

Regional Analysis: The report involves examining the Agriculture Sensing and Monitoring Devices market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Agriculture Sensing and Monitoring Devices market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Agriculture Sensing and Monitoring Devices:

Company Analysis: Report covers individual Agriculture Sensing and Monitoring Devices manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Agriculture Sensing and Monitoring Devices. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Yield Monitoring, Field Mapping).

Technology Analysis: Report covers specific technologies relevant to Agriculture Sensing and Monitoring Devices. It assesses the current state, advancements, and potential future developments in Agriculture Sensing and Monitoring Devices areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Agriculture Sensing and Monitoring Devices market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Agriculture Sensing and Monitoring Devices market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Automation & Control Systems

Sensing Devices

Others

Market segment by Application

Yield Monitoring

Field Mapping

Others

Major players covered

Ag Leader Technology (US)

AgJunction (US)

CropMetrics LLC (US)

Trimble (US)

AGCO Corporation (US)

Raven Industries (US)

Agrobotix LLC

Deere and Company

DICKEY-john Corporation

Farmers Edge

Grownetics

Granular

SST Development Group

The Climate Corporation (Monsanto Company)

Topcon Corporation

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Agriculture Sensing and Monitoring Devices product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Agriculture Sensing and Monitoring Devices, with price, sales, revenue and global market share of Agriculture Sensing and Monitoring Devices from 2019 to 2024.

Chapter 3, the Agriculture Sensing and Monitoring Devices competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Agriculture Sensing and Monitoring Devices breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Agriculture Sensing and Monitoring Devices market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Agriculture Sensing and Monitoring Devices.

Chapter 14 and 15, to describe Agriculture Sensing and Monitoring Devices sales channel, distributors, customers, research findings and conclusion.

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