

Crop Monitoring Market Size, Share, Growth, Analysis, Trend, and Forecast Research Report by 2027

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SURREY, BRITISH COLUMBIA, CANADA , December 16, 2021 /EINPresswire.com/ -- The global crop monitoring market would be worth USD 5.99 Billion by 2027, according to a current analysis by Emergen Research. This growth of the market can be attributed to the measures taken by governments of several countries to meet the rising demand for food. Drones are primarily used for assessment of crop monitoring, crop spraying, and crop health. Rising adoption of the global navigation satellite system, which helps farmers to perform real-time crop vegetation index monitoring, is contributing to growth of the market for crop monitoring. The rising need to obtain real-time data on fields and crops to evaluate and analyze the data for growth in farming operations has increased the utilization of sensing and monitoring devices, which has driven the segment.

Increasing preferences by farmers to enhance agricultural productivity is likely to boost the demand for crop monitoring solutions in the near future. crop monitoring Market Size – USD 2.04 Billion in 2019, Market Growth – at a CAGR of 15.3%, Market Trends – Increasing adoption of agricultural drones for field inspection . Increasing adoption of agricultural drones for field inspection is driving the market for crop monitoring. The Asia Pacific region is expected to be the most rapidly expanding market for crop monitoring during the forecast period. Increasing adoption of agricultural drones for field inspection is driving the market for crop monitoring

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Key market participants include Yara International, Topcon Corporation, The Climate Corporation (a subsidiary of Bayer), Precision Hawk, Trimble, Deere & Company, Raven Industries, AGCO Corporation, Agjunction, and Lindsay Corporation.

Farmers are using crop and soil sensors, farm mapping, and aerial drones in order to increase crop yield and enhance crop quality, which is expected to drive the segment during the forecast period. Rising demand for food led by increasing global population and growing government initiatives to adopt modern agricultural techniques are driving the global crop monitoring

market. Rising labor wages led by the declining agricultural workforce in developed economies has resulted in the shift of preference toward automation operations achieved through usage of artificial intelligence (AI) and Internet of Things (IoT) in the agriculture sector.

Emergen Research has segmented the global crop monitoring market in terms of technology, offering, application, and region:

Application Outlook (Revenue, USD Billion; 2017–2027)

- Soil Monitoring
- Variable Rate Application
- Field Mapping
- Yield Mapping & Monitoring
- Crop Scouting & Monitoring
- Weather Tracking & Forecasting
- Others

Technology Outlook (Revenue, USD Billion; 2017–2027)

- Variable Rate Technology
- Sensing & Imagery
- Automation & Robotics
- Services

Offering Outlook (Revenue, USD Billion; 2017–2027)

- Software
- Hardware
- Services

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Regional Analysis of the Crop Monitoring Market:

- 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)

Unfolding the prime factors prompting global Crop Monitoring market growth:

The study offers an in-depth analysis of the product outlook, which depicts the latest production growth trends and profit valuation. It further fragments the global Crop Monitoring market into a broad product spectrum.

The study covers essential data related to these products' application landscape, the demand for

and market share held by each application type, and their growth rate analysis over the estimated period.

A detailed description of the distribution channels, including distributors, producers, and buyers, is one of the report's key market highlights.

Key Questions:

At what rate is the global Crop Monitoring market expected to grow during the forecast period?

What is the Crop Monitoring market size expected to be between 2021 and 2028?

What are the expected key challenges and restraints in the global Crop Monitoring market?

Which key players are operating in the global Crop Monitoring Market?

What are the significant existing and potential market trends?

Which are the niche segments that leading companies are focusing their budget plans, revenue generation, and the latest developments around?

What are the prominent applications and types of the global Crop Monitoring market?

What are the outcomes of the analytical methods of data assessment employed in the Crop Monitoring Market report?

Highlights of the TOC:

1. Report Overview

1.1 Research Scope

1.2 Key Crop Monitoring market segments

1.3 Major players

1.4 Market analysis by product

1.5 Market analysis by application

1.6 Report timeline

2. Global Growth Trends

2.1 Global Crop Monitoring market size

2.2 Latest Crop Monitoring market trends

2.3 Key growth trends

3. Competitive Landscape

3.1 Global [Crop Monitoring market key players](#)

- 3.2 Global Crop Monitoring size by manufacturers
- 3.3 Products of major players
- 3.4 Entry barriers in the Crop Monitoring market
- 3.5 Mergers, acquisitions, joint ventures, and strategic alliances

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