

Smart Crop Monitoring Market - 2025-2033

<https://marketpublishers.com/r/SA2ABFCD8D22EN.html>

Date: March 2026

Pages: 217

Price: US\$ 2,999.00 (Single User License)

ID: SA2ABFCD8D22EN

Abstracts

The Smart Crop Monitoring Market was valued at US\$ 4.67 billion in 2025 and is anticipated to reach US\$ 14.13 billion by 2033, at a CAGR of 0.1712 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Smart Crop Monitoring Market.

This report delivers a comprehensive overview of the Smart Crop Monitoring Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Smart Crop Monitoring Market. The Smart Crop Monitoring Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

Smart Crop Monitoring Market Scope:

By Component

Hardware

Software

Services

By Technology

Guidance Technology

Remote Sensing Technology

Variable Rate Technology

Automation Robotics

Others

By Product

Sensor Technology

Drones

Robots

Handheld Devices

Software and Mobile Applications

Others

By Farm Type

Small

Medium

Large

By Application

Soil Monitoring

Yield Monitoring

Disease Detection & Pest Detection

Irrigation Monitoring

Nutrition Management

Weed Management

Crop Insurance

Others

Key Players

Trimble Inc.

Deere & Company.

KUBOTA Corporation.

Semios.

AGCO Corporation.

Raven Industries, Inc.

Valmont Industries, Inc.

BASF SE.

Hunan Rika Electronic Tech Co., Ltd

Bayer AG

Major Highlights

This report delivers a comprehensive overview of the Smart Crop Monitoring Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Smart Crop Monitoring Market. The Smart Crop Monitoring Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

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

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

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