

# Smart Crop Monitoring Market Report: Trends, Forecast and Competitive Analysis

<https://marketpublishers.com/r/S0C2D94FAF16EN.html>

Date: December 2022

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: S0C2D94FAF16EN

## Abstracts

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### Smart Crop Monitoring Market Trends and Forecast

The future of the smart crop monitoring market looks promising with opportunities in the field mapping, soil monitoring, crop scouting and monitoring, yield mapping and monitoring, variable rate application, and weather tracking & forecasting applications. The global smart crop monitoring market is expected to grow with a CAGR of 12% to 14% from 2023 to 2028. The major drivers for this market are high yield compare to conventional farming methods, growing need for IoT and automation in the agriculture sector, and increasing adoption of advanced technologies to reduce crop loss.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched and other details of the global smart crop monitoring market report, please download the report brochure.

### Smart Crop Monitoring Market by Segment

The study includes a forecast for the global smart crop monitoring market by application, technology, product offering, farm type, and region, as follows:

Smart Crop Monitoring Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

#### Field Mapping

Soil Monitoring

Crop Scouting and Monitoring

Yield Mapping and Monitoring

Variable Rate Application

Weather Tracking & Forecasting

Others

Smart Crop Monitoring Market by Technology [Value (\$B) Shipment Analysis from 2017 to 2028]:

Sensing and Imagery

Automation and Robotics

Variable-Rate Technology

Guidance Technology

Smart Crop Monitoring Market by Product Offering [Value (\$B) Shipment Analysis from 2017 to 2028]:

Hardware

Software

Services

Smart Crop Monitoring Market by Farm Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Small

Medium

Large

Smart Crop Monitoring Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

#### List of Smart Crop Monitoring Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies smart crop monitoring companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the smart crop monitoring companies profiled in this report includes.

Ag Leader Technology

AGCO Corporation

AgJunction

AgEagle Aerial Systems

Autonomous Solutions

Argus Control Systems

BouMatic Robotic

## Smart Crop Monitoring Market Insights

Lucintel forecasts that service will remain the largest segment over the forecast period due to the growing demand for smart crop monitoring services for advisories and consultations by end use industries.

Yield mapping and monitoring is expected to remain the largest segment due to the growing demand for monitoring crop growth in order to identify underperforming areas and rising need to reduce overall waste by providing needed water and minerals on time.

North America will remain the largest region due to the presence of numerous agricultural firms, growing concern regarding food safety and security, and rising government initiatives and regulations to enhance the agriculture industry in the region.

## Features of the Smart Crop Monitoring Market

**Market Size Estimates:** Smart crop monitoring market size estimation in terms of value (\$B)

**Trend And Forecast Analysis:** Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

**Segmentation Analysis:** Smart crop monitoring market size by various segments, such as by application, technology, product offering, farm type, and region

**Regional Analysis:** Smart crop monitoring market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different by application, technology, product offering, farm type, and regions for the smart

crop monitoring market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the smart crop monitoring market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

Q1. What is the smart crop monitoring market size?

Answer: The global smart crop monitoring market is expected to reach an estimated \$xx billion by 2028.

Q2. What is the growth forecast for smart crop monitoring market?

Answer: The global smart crop monitoring market is expected to grow with a CAGR of 12% to 14% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the smart crop monitoring market?

Answer: The major drivers for this market are high yield compare to conventional farming methods, growing need for IoT and automation in the agriculture sector, and increasing adoption of advanced technologies to reduce crop loss.

Q4. What are the major segments for smart crop monitoring market?

Answer: The future of the smart crop monitoring market looks promising with opportunities in the field mapping, soil monitoring, crop scouting and monitoring, yield mapping and monitoring, variable rate application, and weather tracking & forecasting applications.

Q5. Who are the key smart crop monitoring companies?

Answer: Some of the key smart crop monitoring companies is as follows:

Ag Leader Technology

AGCO Corporation

AgJunction

AgEagle Aerial Systems

Autonomous Solutions

Argus Control Systems

BouMatic Robotic

Q6. Which smart crop monitoring segment will be the largest in future?

Answer: Lucintel forecasts that service will remain the largest segment over the forecast period due to the growing demand for smart crop monitoring services for advisories and consultations by end use industries.

Q7. In smart crop monitoring market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region due to the presence of numerous agricultural firms, growing concern regarding food safety and security, and rising government initiatives and regulations to enhance the agriculture industry in the region.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the smart crop monitoring market by application (field mapping, soil monitoring, crop scouting and monitoring, yield mapping and monitoring, variable rate application, weather tracking & forecasting, and others), technology (sensing and imagery, automation and robotics, variable-rate technology, and guidance technology), product offering (hardware,

software, and services), farm type (small, medium and large), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to smart crop monitoring market or related smart crop monitoring companies, smart crop monitoring market size, smart crop monitoring market share, smart crop monitoring analysis, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. GLOBAL SMART CROP MONITORING MARKET: MARKET DYNAMICS**

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

### **3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2017 TO 2028**

3.1: Macroeconomic Trends (2017-2022) and Forecast (2023-2028)

3.2: Global Smart Crop Monitoring Market Trends (2017-2022) and Forecast (2023-2028)

3.3: Global Smart Crop Monitoring Market by Application

3.3.1: Field Mapping

3.3.2: Soil Monitoring

3.3.3: Crop Scouting and Monitoring

3.3.4: Yield Mapping and Monitoring

3.3.5: Variable Rate Application

3.3.6: Weather Tracking & Forecasting

3.3.7: Others

3.4: Global Smart Crop Monitoring Market by Technology

3.4.1: Sensing and Imagery

3.4.2: Automation and Robotics

3.4.3: Variable-Rate Technology

3.4.4: Guidance Technology

3.5: Global Smart Crop Monitoring Market by Product Offering

3.5.1: Hardware

3.5.2: Software

3.5.3: Services

3.6: Global Smart Crop Monitoring Market by Farm Type

3.6.1: Small

3.6.2: Medium

3.6.3: Large

### **4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2017-2028**



4.1: Global Smart Crop Monitoring Market by Region

4.2: North American Smart Crop Monitoring Market

4.2.1: North American Smart Crop Monitoring Market by Application: Field Mapping, Soil Monitoring, Crop Scouting and Monitoring, Yield Mapping and Monitoring, Variable Rate Application, Weather Tracking & Forecasting, and Others

4.2.2: North American Smart Crop Monitoring Market by Farm Type: Small, Medium and Large

4.3: European Smart Crop Monitoring Market

4.3.1: European Smart Crop Monitoring Market by Application: Field Mapping, Soil Monitoring, Crop Scouting and Monitoring, Yield Mapping and Monitoring, Variable Rate Application, Weather Tracking & Forecasting, and Others

4.3.2: European Smart Crop Monitoring Market by Farm Type: Small, Medium and Large

4.4: APAC Smart Crop Monitoring Market

4.4.1: APAC Smart Crop Monitoring Market by Application: Field Mapping, Soil Monitoring, Crop Scouting and Monitoring, Yield Mapping and Monitoring, Variable Rate Application, Weather Tracking & Forecasting, and Others

4.4.2: APAC Smart Crop Monitoring Market by Farm Type: Small, Medium and Large

4.5: ROW Smart Crop Monitoring Market

4.5.1: ROW Smart Crop Monitoring Market by Application: Field Mapping, Soil Monitoring, Crop Scouting and Monitoring, Yield Mapping and Monitoring, Variable Rate Application, Weather Tracking & Forecasting, and Others

4.5.2: ROW Smart Crop Monitoring Market by Farm Type: Small, Medium and Large

## **5. COMPETITOR ANALYSIS**

5.1: Product Portfolio Analysis

5.2: Operational Integration

5.3: Porter's Five Forces Analysis

## **6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global Smart Crop Monitoring Market by Application

6.1.2: Growth Opportunities for the Global Smart Crop Monitoring Market by Technology

6.1.3: Growth Opportunities for the Global Smart Crop Monitoring Market by Offering

6.1.4: Growth Opportunities for the Global Smart Crop Monitoring Market by Farm

## Type

6.1.5: Growth Opportunities for the Global Smart Crop Monitoring Market by Region

6.2: Emerging Trends in the Global Smart Crop Monitoring Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Global Smart Crop Monitoring Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Smart Crop Monitoring Market

6.3.4: Certification and Licensing

## **7. COMPANY PROFILES OF LEADING PLAYERS**

7.1: Ag Leader Technology

7.2: AGCO Corporation

7.3: AgJunction

7.4: AgEagle Aerial Systems

## **7.5: AUTONOMOUS SOLUTIONS**

7.6: Argus Control Systems

7.7: BouMatic Robotic

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