

AI in Crop Monitoring Market anticipated to reach US\$1.921 billion by 2030 at a CAGR of 14.80%

The AI in crop monitoring market is anticipated to grow at a CAGR of 14.80% from US\$0.963 billion in 2025 to US\$1.921 billion by 2030.



NEW YORK, NY, UNITED STATES, May 27, 2025

/EINPresswire.com/ -- According to a new study

published by Knowledge Sourcing Intelligence, the [AI in crop monitoring market](#) is projected to grow at a CAGR of 14.80% between 2025 and 2030 to reach US\$1.921 billion by 2030.

The agriculture industry is constantly evolving, and the latest innovation to hit the market is the

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use of Artificial Intelligence (AI) in [crop monitoring](#). This technology has the potential to revolutionize the way farmers manage their crops, leading to increased efficiency and higher yields. The demand for food production is only going to increase. The use of AI in crop monitoring is a step towards meeting this demand and ensuring food security for the future.

AI technology has already made its mark in various industries, and now it is making its way into agriculture. By using advanced algorithms and [machine learning](#), AI can

analyze vast amounts of data collected from sensors, drones, and satellites to provide real-time insights on crop health, soil moisture, and weather conditions. This allows farmers to make data-driven decisions and take timely action to prevent crop damage and optimize yields.

The AI in crop monitoring market is expected to grow significantly in the coming years. This growth is driven by the increasing adoption of precision farming techniques, rising demand for food production, and the need to reduce the environmental impact of agriculture. The use of AI in crop monitoring not only benefits farmers but also contributes to sustainable farming practices.

The use of AI in crop monitoring is a game-changer for the agriculture industry. It has the

potential to increase efficiency, reduce costs, and improve sustainability in farming. As this technology continues to evolve, we can expect to see a significant impact on the global food supply chain. With the world's population growing, the adoption of AI in crop monitoring is crucial for the future of agriculture.

Access sample report or view details: <https://www.knowledge-sourcing.com/report/ai-in-the-crop-monitoring-market>

As a part of the report, the major players operating in the AI in crop monitoring market that have been covered are Taranis, Plantix, Sentra, Farmonaut Technologies Pvt. Ltd., EOS Data Analytics, Inc., CropX Inc., Cropin Technology, among others.

The market analytics report segments the AI in crop monitoring market as follows:

- By Technology
 - o Machine Learning
 - o Computer Vision
 - o Predictive Analytics
 - o Others
- By Offering
 - o Hardware
 - o Software
 - o Services
- By Application
 - o Disease and Pest Management
 - o Precision Irrigation
 - o Yield Prediction
 - o Soil Health Monitoring
 - o Weed Control
- By Geography
 - North America
 - o USA
 - o Canada
 - o Mexico

- South America
 - o Brazil
 - o Argentina
 - o Others
- Europe
 - o United Kingdom
 - o Germany
 - o France
 - o Spain
 - o Others
- Middle East and Africa
 - o Saudi Arabia
 - o UAE
 - o Others
- Asia Pacific
 - o China
 - o Japan
 - o India
 - o South Korea
 - o Taiwan
 - o Australia
 - o Others

Companies Profiled:

- Taranis
- Plantix
- Sentera
- Farmonaut Technologies Pvt. Ltd.
- EOS Data Analytics, Inc.
- CropX Inc.
- Cropin Technology
- Deere & Company
- IBM Corporation
- Bayer

Reasons for Buying this Report:-

- **Insightful Analysis:** Gain detailed market insights covering major as well as emerging geographical regions, focusing on customer segments, government policies and socio-economic factors, consumer preferences, industry verticals, other sub-segments.
- **Competitive Landscape:** Understand the strategic maneuvers employed by key players globally to understand possible market penetration with the correct strategy.
- **Market Drivers & Future Trends:** Explore the dynamic factors and pivotal market trends and how they will shape future market developments.
- **Actionable Recommendations:** Utilize the insights to exercise strategic decision to uncover new business streams and revenues in a dynamic environment.
- **Caters to a Wide Audience:** Beneficial and cost-effective for startups, research institutions, consultants, SMEs, and large enterprises.

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Report Coverage:

- Historical data from 2022 to 2024 & forecast data from 2025 to 2030
- Growth Opportunities, Challenges, Supply Chain Outlook, Regulatory Framework, Customer Behaviour, and Trend Analysis
- Competitive Positioning, Strategies, and Market Share Analysis
- Revenue Growth and Forecast Assessment of segments and regions including countries
- Company Profiling (Strategies, Products, Financial Information, and Key Developments among others)

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About Us

Knowledge Sourcing Intelligence (KSI) is a market research and intelligence provider that uses a combination of quantitative and qualitative research techniques to deliver comprehensive, in-depth insights to clients. Our approach to market research is centered around the concept of 'Knowledge Sourcing' - the process of gathering data and insights from multiple sources to create a comprehensive and well-rounded picture of the market. KSI's core services include market intelligence, competitive intelligence, customer intelligence, and product intelligence. KSI's approach to market research is designed to help clients make informed decisions, identify opportunities, and gain a better understanding of their target markets. By using a combination of primary and secondary research techniques, we provide clients with detailed insights into current market trends, customer profiles, competitor analysis, and product performance. KSI's market research and intelligence services enable clients to make informed decisions, develop strategic plans, and identify areas of opportunity.

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