

Agricultural Software Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Farm Management, Livestock Management, Precision Agriculture Software, Other Types), By Deployment (On-Premise, Cloud-Based), By Application, By End-User

<https://marketpublishers.com/r/A10C7ED7F5D3EN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: A10C7ED7F5D3EN

Abstracts

The Agricultural Software Market is valued at USD 20.3 billion in 2025 and is projected to grow at a CAGR of 4.2% to reach USD 29.3 billion by 2034. The agricultural software market is rapidly growing as farmers seek digital solutions to improve farm management, crop productivity, and sustainability. Agricultural software includes a wide range of tools for farm management, crop monitoring, precision agriculture, supply chain optimization, and financial tracking. With the increasing complexity of farming operations, the adoption of software platforms that integrate data from sensors, drones, and other IoT devices is becoming essential for managing resources efficiently. The rising adoption of digital farming solutions is helping farmers optimize inputs, reduce waste, and improve decision-making. Additionally, government policies promoting digital transformation in agriculture are supporting the growth of this market. The agricultural software market is witnessing greater integration of AI, machine learning, and big data analytics into farm management platforms. These technologies are helping farmers predict crop performance, optimize irrigation systems, and manage pest outbreaks more effectively. The market is also seeing a rise in cloud-based software solutions, enabling farmers to access real-time data and analytics from anywhere, improving decision-making and operational efficiency. Additionally, blockchain technology is being incorporated into agricultural software for transparent and secure tracking of supply chains. The increasing popularity of mobile applications for farm management is enabling farmers to manage their operations more conveniently, especially in

developing regions. The agricultural software market is expected to experience significant growth with the wider adoption of AI-powered solutions. These platforms will become more advanced in providing actionable insights based on real-time data collected from various sources such as drones, satellites, and IoT sensors. The development of software solutions tailored for specific crop types, livestock management, and agroprocessing will further drive market growth. The expansion of smart farming and precision agriculture will increase the demand for specialized software capable of integrating and analyzing large volumes of data. As the digitalization of agriculture continues, software platforms will become increasingly vital in driving efficiency and sustainability in farming practices.

Key Insights Agricultural Software Market

Integration of AI and Machine Learning: AI-driven software solutions are enhancing decision-making by providing predictive insights based on farm data.

Growth of Cloud-Based Platforms: Cloud technology is enabling farmers to access real-time data and analytics from anywhere, improving operational efficiency.

Rise of Blockchain for Supply Chain Transparency: Blockchain technology is being used to track the origin and quality of agricultural products, ensuring transparency in the supply chain.

Mobile Applications for Farm Management: Mobile apps are gaining popularity for managing daily farming tasks and providing farmers with easy access to data and resources.

Customization for Specific Crop and Livestock Management: Agricultural software is becoming more specialized to meet the unique needs of various crops and livestock.

Increasing Demand for Efficiency in Farming: Farmers are adopting software to optimize inputs, reduce waste, and improve farm management.

Technological Advancements in Data Collection: IoT sensors, drones, and satellites are generating large amounts of data that software solutions can process to improve decision-making.

Rising Adoption of Precision Agriculture: Software is playing a key role in enabling precision farming by providing real-time data and actionable insights.

Government Initiatives for Digital Agriculture: Policies and financial incentives promoting digital agriculture are accelerating the adoption of software solutions.

High Adoption Costs for Small-Scale Farmers: The cost of implementing advanced agricultural software solutions can be prohibitive for small and medium-sized farms, limiting their adoption.

Agricultural Software Market Segmentation

By Type

Farm Management

Livestock Management

Precision Agriculture Software

Other Types

By Deployment

On-Premise

Cloud-Based

By Application

Field Management

Farming Operation

Irrigation

Animal Husbandry

By End-User

Farmers

Agricultural Companies

Research Institutes

Key Companies Analysed

Bayer AG

Deere & Company

CNH Industrial N.V.

Hexagon Agriculture

Trimble Inc.

Raven Industries Inc.

The Climate Corporation

Iteris Inc.

Solinftec Inc.

Granular Inc.

Proagrica

AG Leader Technology

CropIn Technology Solutions Pvt. Ltd.

AgroVision B.V.

Farmers Edge Inc.

Decisive Farming Corp.

Agworld Inc.

CropX Inc.

Topcon Agriculture

Conservis Corporation

FarmLogs Inc.

AgJunction Inc.

AgriWebb Pty Ltd.

FieldView

OnFarm Systems Inc

Agricultural Software Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Agricultural Software Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Agricultural Software market data and outlook to 2034

United States

Canada

Mexico

Europe — Agricultural Software market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Agricultural Software market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Agricultural Software market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Agricultural Software market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Agricultural Software value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Agricultural Software industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Agricultural Software Market Report

Global Agricultural Software market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Agricultural Software trade, costs, and supply chains

Agricultural Software market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Agricultural Software market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Agricultural Software market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Agricultural Software supply chain analysis

Agricultural Software trade analysis, Agricultural Software market price analysis, and Agricultural Software supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Agricultural Software market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL AGRICULTURAL SOFTWARE MARKET SUMMARY, 2025

- 2.1 Agricultural Software Industry Overview
 - 2.1.1 Global Agricultural Software Market Revenues (In US\$ billion)
- 2.2 Agricultural Software Market Scope
- 2.3 Research Methodology

3. AGRICULTURAL SOFTWARE MARKET INSIGHTS, 2024-2034

- 3.1 Agricultural Software Market Drivers
- 3.2 Agricultural Software Market Restraints
- 3.3 Agricultural Software Market Opportunities
- 3.4 Agricultural Software Market Challenges
- 3.5 Tariff Impact on Global Agricultural Software Supply Chain Patterns

4. AGRICULTURAL SOFTWARE MARKET ANALYTICS

- 4.1 Agricultural Software Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Agricultural Software Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Agricultural Software Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Agricultural Software Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Agricultural Software Market
 - 4.5.1 Agricultural Software Industry Attractiveness Index, 2025
 - 4.5.2 Agricultural Software Supplier Intelligence
 - 4.5.3 Agricultural Software Buyer Intelligence
 - 4.5.4 Agricultural Software Competition Intelligence
 - 4.5.5 Agricultural Software Product Alternatives and Substitutes Intelligence
 - 4.5.6 Agricultural Software Market Entry Intelligence

5. GLOBAL AGRICULTURAL SOFTWARE MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

5.1 World Agricultural Software Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Agricultural Software Sales Outlook and CAGR Growth By Type, 2024- 2034 (\$ billion)

5.2 Global Agricultural Software Sales Outlook and CAGR Growth By Deployment, 2024- 2034 (\$ billion)

5.3 Global Agricultural Software Sales Outlook and CAGR Growth By Application, 2024- 2034 (\$ billion)

5.4 Global Agricultural Software Sales Outlook and CAGR Growth By End-User, 2024- 2034 (\$ billion)

5.5 Global Agricultural Software Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

6. ASIA PACIFIC AGRICULTURAL SOFTWARE INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

6.1 Asia Pacific Agricultural Software Market Insights, 2025

6.2 Asia Pacific Agricultural Software Market Revenue Forecast By Type, 2024- 2034 (USD billion)

6.3 Asia Pacific Agricultural Software Market Revenue Forecast By Deployment, 2024- 2034 (USD billion)

6.4 Asia Pacific Agricultural Software Market Revenue Forecast By Application, 2024- 2034 (USD billion)

6.5 Asia Pacific Agricultural Software Market Revenue Forecast By End-User, 2024- 2034 (USD billion)

6.6 Asia Pacific Agricultural Software Market Revenue Forecast by Country, 2024- 2034 (USD billion)

6.6.1 China Agricultural Software Market Size, Opportunities, Growth 2024- 2034

6.6.2 India Agricultural Software Market Size, Opportunities, Growth 2024- 2034

6.6.3 Japan Agricultural Software Market Size, Opportunities, Growth 2024- 2034

6.6.4 Australia Agricultural Software Market Size, Opportunities, Growth 2024- 2034

7. EUROPE AGRICULTURAL SOFTWARE MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

7.1 Europe Agricultural Software Market Key Findings, 2025

7.2 Europe Agricultural Software Market Size and Percentage Breakdown By Type, 2024- 2034 (USD billion)

7.3 Europe Agricultural Software Market Size and Percentage Breakdown By Deployment, 2024- 2034 (USD billion)

7.4 Europe Agricultural Software Market Size and Percentage Breakdown By Application, 2024- 2034 (USD billion)

7.5 Europe Agricultural Software Market Size and Percentage Breakdown By End-User, 2024- 2034 (USD billion)

7.6 Europe Agricultural Software Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.6.1 Germany Agricultural Software Market Size, Trends, Growth Outlook to 2034

7.6.2 United Kingdom Agricultural Software Market Size, Trends, Growth Outlook to 2034

7.6.2 France Agricultural Software Market Size, Trends, Growth Outlook to 2034

7.6.2 Italy Agricultural Software Market Size, Trends, Growth Outlook to 2034

7.6.2 Spain Agricultural Software Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA AGRICULTURAL SOFTWARE MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

8.1 North America Snapshot, 2025

8.2 North America Agricultural Software Market Analysis and Outlook By Type, 2024-2034 (\$ billion)

8.3 North America Agricultural Software Market Analysis and Outlook By Deployment, 2024- 2034 (\$ billion)

8.4 North America Agricultural Software Market Analysis and Outlook By Application, 2024- 2034 (\$ billion)

8.5 North America Agricultural Software Market Analysis and Outlook By End-User, 2024- 2034 (\$ billion)

8.6 North America Agricultural Software Market Analysis and Outlook by Country, 2024-2034 (\$ billion)

8.6.1 United States Agricultural Software Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.6.1 Canada Agricultural Software Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.6.1 Mexico Agricultural Software Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA AGRICULTURAL SOFTWARE MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

- 9.1 Latin America Agricultural Software Market Data, 2025
- 9.2 Latin America Agricultural Software Market Future By Type, 2024- 2034 (\$ billion)
- 9.3 Latin America Agricultural Software Market Future By Deployment, 2024- 2034 (\$ billion)
- 9.4 Latin America Agricultural Software Market Future By Application, 2024- 2034 (\$ billion)
- 9.5 Latin America Agricultural Software Market Future By End-User, 2024- 2034 (\$ billion)
- 9.6 Latin America Agricultural Software Market Future by Country, 2024- 2034 (\$ billion)
 - 9.6.1 Brazil Agricultural Software Market Size, Share and Opportunities to 2034
 - 9.6.2 Argentina Agricultural Software Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA AGRICULTURAL SOFTWARE MARKET OUTLOOK AND GROWTH PROSPECTS

- 10.1 Middle East Africa Overview, 2025
- 10.2 Middle East Africa Agricultural Software Market Statistics By Type, 2024- 2034 (USD billion)
- 10.3 Middle East Africa Agricultural Software Market Statistics By Deployment, 2024- 2034 (USD billion)
- 10.4 Middle East Africa Agricultural Software Market Statistics By Application, 2024- 2034 (USD billion)
- 10.5 Middle East Africa Agricultural Software Market Statistics By Application, 2024- 2034 (USD billion)
- 10.6 Middle East Africa Agricultural Software Market Statistics by Country, 2024- 2034 (USD billion)
 - 10.6.1 Middle East Agricultural Software Market Value, Trends, Growth Forecasts to 2034
 - 10.6.2 Africa Agricultural Software Market Value, Trends, Growth Forecasts to 2034

11. AGRICULTURAL SOFTWARE MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

- 11.1 Key Companies in Agricultural Software Industry
- 11.2 Agricultural Software Business Overview
- 11.3 Agricultural Software Product Portfolio Analysis
- 11.4 Financial Analysis
- 11.5 SWOT Analysis

12 APPENDIX

- 12.1 Global Agricultural Software Market Volume (Tons)
- 12.1 Global Agricultural Software Trade and Price Analysis
- 12.2 Agricultural Software Parent Market and Other Relevant Analysis
- 12.3 Publisher Expertise
- 12.2 Agricultural Software Industry Report Sources and Methodology

I would like to order

Product name: Agricultural Software Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Farm Management, Livestock Management, Precision Agriculture Software, Other Types), By Deployment (On-Premise, Cloud-Based), By Application, By End-User

Product link: <https://marketpublishers.com/r/A10C7ED7F5D3EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A10C7ED7F5D3EN.html>