

# Global Smart Agriculture Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Smart Agriculture market size was valued at US\$ 9775 million in 2025 and is forecast to a readjusted size of US\$ 27045 million by 2032 with a CAGR of 15.6% during review period.

Smart Agriculture refers to a comprehensive set of digital and intelligent technologies and solution deliveries that re-engineer agricultural production and farm operations through an integrated closed loop of sensing, analytics, decisioning, execution, and feedback. It connects equipment and operational terminals, in-field and in-barn sensing, remote-sensing and weather inputs, agronomic and operational models, farm management platforms, and automation capabilities to improve productivity, resource efficiency, and resilience. Policy-oriented research emphasizes the potential of agricultural digitalisation to address productivity, sustainability, and resilience challenges, while noting that infrastructure, governance, and skills materially affect real-world outcomes.

In product form, Smart Agriculture typically spans three layers: a device and execution layer (connected machinery, guidance and automation, variable-rate control, sensing and robotics), a data foundation and governance layer (aggregation, cleaning, standardisation, permissions and compliance), and an application and services layer (prescription generation, crop and livestock monitoring, yield and quality analytics, maintenance workflows, cost accounting, compliance and traceability). Compared with a narrower ?digital farming? scope, Smart Agriculture places greater emphasis on intelligent decisioning tightly coupled with automated execution across diverse environments, including open-field crops, controlled-environment production, livestock, and aquaculture.

Smart Agriculture is accelerating the shift from experience-driven management to data-driven, workflow-driven, and automation-enabled operations. As growers and service organisations face higher volatility in weather, persistent cost pressures, and structural labour constraints, the value proposition becomes increasingly outcome-based: stabilising yields, improving input efficiency, and raising asset and labour productivity. At the same time, the enabling stack has matured?connectivity is more pervasive, cloud and edge computing can operationalise intelligence at scale, and remote sensing and AI tools are easier to embed into day-to-day execution?supporting a multi-year global upgrade cycle.

Commercialisation, however, remains constrained by structural risks. Agricultural data is fragmented and uneven in quality, interoperability across brands and platforms is still imperfect, and integration cost and delivery cycles can be substantial. Expectations around data rights, sharing boundaries, and compliance also influence trust and procurement decisions. Downstream demand is therefore shifting from point products to verifiable use-case packages, from visualisation and recordkeeping to prescription-driven closed-loop execution, and from one-time purchases to hybrid models combining subscriptions, tiered module upgrades, and service-led delivery. Vendors that can prove ROI with lower implementation friction and sustain continuous operational improvement are likely to differentiate most strongly.

This report is a detailed and comprehensive analysis for global Smart Agriculture market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Smart Agriculture market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Smart Agriculture market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Smart Agriculture market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Smart Agriculture market shares of main players, in revenue (\$ Million),  
2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Smart Agriculture

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Smart Agriculture market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Deere & Company, CNH Industrial N.V., AGCO Corporation, Kubota Corporation, Topcon Corporation, CLAAS KGaA mbH, BASF SE, Bayer AG, CORTEVA, INC., Syngenta Group Co., Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market segmentation**

Smart Agriculture market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Hardware and Embedded Control

Software Platforms

Data Products

Others

#### Market segment by Solution

End To End Farm Digitalization

Field Operations Systems

Monitoring and Analytics Systems

Others

#### Market segment by Key Hardware Form

In Cab Terminals

Sensors and Gateways

Robotics and Automation Equipment

Others

#### Market segment by Automation Level

Decision Support

Assisted Automation

Autonomous Operation

Others

#### Market segment by Application

Planting Agriculture

Horticulture

Livestock Monitoring

Others

Market segment by players, this report covers

Deere & Company

CNH Industrial N.V.

AGCO Corporation

Kubota Corporation

Topcon Corporation

CLAAS KGaA mbH

BASF SE

Bayer AG

CORTEVA, INC.

Syngenta Group Co., Ltd.

KWS SAAT SE & Co. KGaA

Yara International ASA

Ag Leader Technology

J.R. Simplot Company

Orbia Advance Corporation, S.A.B. de C.V.

SZ DJI Technology Co., Ltd.

XAG Co., Ltd.

Huawei Investment & Holding Co., Ltd.

Zoomlion Heavy Industry Science & Technology Co., Ltd.

Zhejiang Top Yunnong Technology Co., Ltd.

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 13 chapters:**

Chapter 1, to describe Smart Agriculture product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Smart Agriculture, with revenue, gross margin, and global market share of Smart Agriculture from 2021 to 2026.

Chapter 3, the Smart Agriculture competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with

consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Smart Agriculture market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Smart Agriculture.

Chapter 13, to describe Smart Agriculture research findings and conclusion.

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