

# Global Digital Farming Solution Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Digital Farming Solution market size is expected to reach \$ 25703 million by 2032, rising at a market growth of 14.6% CAGR during the forecast period (2026-2032). A Digital Farming Solution is an end-to-end, packaged delivery that combines a connectivity and data foundation, application software, and implementation plus ongoing services to integrate machinery and terminals, in-field and in-barn sensing, remote-sensing imagery, agronomic models, and farm-management workflows into a closed loop of data capture, transmission, analytics, decisioning, execution, and performance feedback.

In delivery scope, a Digital Farming Solution is organized around verifiable use cases rather than isolated features. It commonly covers guidance and automation, variable-rate execution, work documentation and cost accounting, crop health and pest monitoring, yield and quality analytics, equipment maintenance workflows, and compliance and traceability, supported by data governance, permissions, and interoperability. Monetization typically relies on recurring subscriptions, priced by acreage or by device, often combined with tiered feature bundles and bundling with hardware, inputs, or service delivery to sustain long-term revenue.

Digital Farming Solutions are rapidly evolving from digital recordkeeping into scalable farm operating backbones. With increasing weather volatility, input-cost uncertainty, and structural labor constraints, growers and service organizations are prioritizing measurable outcomes, including yield stability, input efficiency, and operational productivity. At the same time, connected machinery, cloud and edge computing, and remote-sensing and modeling capabilities have matured, making prescription-driven execution feasible in daily workflows. OECD research also highlights the potential of digitalisation to improve productivity, sustainability, and resilience, while underscoring that impact depends on implementable adoption conditions.

Commercialization, however, remains constrained by fragmented data sources, uneven

data quality, and imperfect interoperability across brands, which increase integration costs and extend delivery cycles. Expectations around data rights, sharing boundaries, and compliance can further influence trust and procurement decisions. Downstream demand is therefore shifting from point tools to ROI-proven use-case packages, from one-time purchases to hybrid models combining subscriptions, tiered module upgrades, and service-led delivery, and toward solution providers that can translate insights into executable prescriptions and closed-loop operations. This report studies the global Digital Farming Solution demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Digital Farming Solution, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Digital Farming Solution that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Digital Farming Solution total market, 2021-2032, (USD Million)

Global Digital Farming Solution total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Digital Farming Solution total market, key domestic companies, and share, (USD Million)

Global Digital Farming Solution revenue by player, revenue and market share 2021-2026, (USD Million)

Global Digital Farming Solution total market by Type, CAGR, 2021-2032, (USD Million)

Global Digital Farming Solution total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Digital Farming Solution 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.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Digital Farming Solution market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and

2027-2032 as the forecast year.

Global Digital Farming Solution Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Digital Farming Solution Market, Segmentation by Type:

Crop Nutrition Solutions

Smart Irrigation

Digital Supply Chain

Others

Global Digital Farming Solution Market, Segmentation by Solution:

End To End Farm Digitalization

Field Operations Systems

Monitoring and Analytics Systems

Others

Global Digital Farming Solution Market, Segmentation by Deployment Model:

Cloud SaaS

Hybrid Cloud and Edge

On Premise

Global Digital Farming Solution Market, Segmentation by Automation Level:

Decision Support

Assisted Automation

Autonomous Operation

Others

Global Digital Farming Solution Market, Segmentation by Application:

Farmland and Farms

Agricultural Cooperatives

Others

**Companies Profiled:**

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.

### Key Questions Answered

1. How big is the global Digital Farming Solution market?
2. What is the demand of the global Digital Farming Solution market?

3. What is the year over year growth of the global Digital Farming Solution market?
4. What is the total value of the global Digital Farming Solution market?
5. Who are the Major Players in the global Digital Farming Solution market?
6. What are the growth factors driving the market demand?

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