

Food and Agriculture Technology and Products Market Size, Share, and Outlook, 2025 Report- By Technology (Robots, Temperature and Moisture Sensors, Aerial Imagery), GPS Technology, Others), Connectivity (Smart Crop Monitoring, Drone Farming, Smart Livestock Monitoring, Others), Agriculture (Subsistence, Commercial), Agriculture Product (Foods, Fibers, Fuels, Others), and Companies, 2021-2032

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Abstracts

Food and Agriculture Technology and Products Market Outlook

The global Food and Agriculture Technology and Products market is expected to register a growth rate of 8.3% during the forecast period from \$812.6 Billion in 2024 to \$1537.8 Billion in 2032. The Food and Agriculture Technology and Products market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Food and Agriculture Technology and Products segments across 22 countries from 2021 to 2032. Key segments in the report include By Technology (Robots, Temperature and Moisture Sensors, Aerial Imagery), GPS Technology, Others), Connectivity (Smart Crop Monitoring, Drone Farming, Smart Livestock Monitoring, Others), Agriculture (Subsistence, Commercial), Agriculture Product (Foods, Fibers, Fuels, Others). Over 70 tables and charts showcase findings from our latest survey report on Food and Agriculture Technology and Products markets.

Food and Agriculture Technology and Products Market Insights, 2025

The Food and Agriculture Technology and Products Market in 2025 is witnessing transformative growth driven by the convergence of digital technologies, biotechnology, and sustainability imperatives. Innovations such as precision agriculture, vertical farming, gene editing, and IoT-enabled monitoring systems enhance productivity, resource efficiency, and crop resilience. Simultaneously, development of novel food products derived from alternative proteins, biostimulants, and sustainable inputs supports the shift toward climate-smart agriculture. The market benefits from increasing investments in agri-tech startups, supportive regulatory frameworks, and growing demand for traceability and transparency in food supply chains. These technological advancements enable producers to meet rising global food demand while reducing environmental footprints.

Five Trends that will define global Food and Agriculture Technology and Products market in 2025 and Beyond

A closer look at the multi-million global market for Food and Agriculture Technology and Products identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Food and Agriculture Technology and Products companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future.

What are the biggest opportunities for growth in the Food and Agriculture Technology and Products industry?

The Food and Agriculture Technology and Products sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2030. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

Food and Agriculture Technology and Products Market Segment Insights

The Food and Agriculture Technology and Products industry presents strong offers across categories. The analytical report offers forecasts of Food and Agriculture Technology and Products industry performance across segments and countries. Key segments in the industry include By Technology (Robots, Temperature and Moisture Sensors, Aerial Imagery), GPS Technology, Others), Connectivity (Smart Crop Monitoring, Drone Farming, Smart Livestock Monitoring, Others), Agriculture (Subsistence, Commercial), Agriculture Product (Foods, Fibers, Fuels, Others). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Food and Agriculture Technology and Products market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global Food and Agriculture Technology and Products industry ecosystem. It assists decision-makers in evaluating global Food and Agriculture Technology and Products market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Food and Agriculture Technology and Products industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios slow growth, reference case, and high growth cases.

Asia Pacific Food and Agriculture Technology and Products Market Analysis A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with a combined population of over 4.5 billion, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic

forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe Food and Agriculture Technology and Products Industry 2025 Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Food and Agriculture Technology and Products with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Food and Agriculture Technology and Products market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Food and Agriculture Technology and Products market Insights Executives are most excited about opportunities for the US Food and Agriculture Technology and Products industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Food and Agriculture Technology and Products companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Food and Agriculture Technology and Products market.

Latin American Food and Agriculture Technology and Products market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported since H2-2024 and the prospects remain strong for 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly

gaining business growth in the region.

Middle East and Africa Food and Agriculture Technology and Products Markets New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Food and Agriculture Technology and Products markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Food and Agriculture Technology and Products markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape How Food and Agriculture Technology and Products companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include Cargill, Incorporated, Archer Daniels Midland Company, Bayer AG, Deere and Company, CNH Industrial N.V., Syngenta Group, DuPont de Nemours, Inc., Nutrien Ltd., Yara International ASA, BASF SE, Evonik Industries AG, Koninklijke DSM N.V., Daikin Industries, Ltd., Signify N.V.

Food and Agriculture Technology and Products Market Scope

Leading Segments

By Technology

Robots

Temperature and Moisture Sensors

Aerial Imagery

GPS Technology

Others

By Connectivity

Smart Crop Monitoring

Drone Farming

Smart Livestock Monitoring

Others

By Agriculture

Subsistence

Commercial

By Agriculture Products

Foods

Fibers

Fuels

Others

Leading Companies

Cargill, Incorporated

Archer Daniels Midland Company

Bayer AG

Deere and Company

CNH Industrial N.V.

Syngenta Group

DuPont de Nemours, Inc.

Nutrien Ltd.

Yara International ASA

BASF SE

Evonik Industries AG

Koninklijke DSM N.V.

Daikin Industries, Ltd.

Signify N.V.

Geographies

North AmericaUS, Canada, Mexico

EuropeGermany, France, UK, Spain, Italy, Nordics, BeNeLux, Others

Asia PacificChina, India, Japan, South Korea, Australia, South East Asia, Others

Latin AmericaBrazil, Argentina, Others

Middle East and AfricaSaudi Arabia, UAE, Other Middle East, South Africa, Other Africa

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

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Archer Daniels Midland Company

Bayer AG

Deere and Company

CNH Industrial N.V.

Syngenta Group

DuPont de Nemours, Inc.

Nutrien Ltd.

Yara International ASA

BASF SE

Evonik Industries AG

Koninklijke DSM N.V.

Daikin Industries, Ltd.

Signify N.V.

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