

Global Smart Agriculture Market Size Estimated to Reach USD 19,625 Million By 2027: Facts & Factors

Global Smart Agriculture market expected to reach a value of around USD 19,625 million by 2027, at a CAGR of around 13.09% between 2019 and 2027.

NEW YORK, UNITED STATES, January 22, 2020 /EINPresswire.com/ -- Facts and Factors Market Research has published a new report titled "[Smart Agriculture Market](#) By Agriculture Type (Precision Farming, Livestock Monitoring, Fish Farming, Smart Greenhouse, and Others), By Software (Web-Based and Cloud-Based), By Applications (Yield Monitoring, HVAC Management, Field Mapping, Irrigation Management, Crop Scouting, Weather Tracking & Forecasting, Farm Labor Management, Financial Management, Feeding Management, Breeding Management, Milk Harvesting, Fish Tracking & Fleet Navigation, Water Quality Management, and Others), By Service (System Integration & Consulting, Managed Services, Support & Maintenance, Connectivity Services, and Professional Services), and By Solution (Network Management, Smart Water Management, Agriculture Asset Management, Logistics & Supply Chain Management, Supervisory Control & Data Acquisition, and Others): Global Industry Perspective, Comprehensive Analysis, and Forecast, 2018 – 2027".



Smart Agriculture Market

According to the report, the global Smart Agriculture market is predicted to be valued at approximately USD 6,455 million in 2018 and is expected to reach a value of around USD 19,625 million by 2027, at a CAGR of around 13.09% between 2019 and 2027.

Smart agriculture is a paradigm shift in farming that helps in guiding actions needed for modifying & reorienting farming systems in order to aid the growth of the farming sector. Furthermore, there is a shift in farming trends from family farms to smart agriculture due to altering global trade rules, population explosion, climate change, biotechnology, nanotechnology, demographic changes, servitization around the key products, growing value chain integration, and growing urbanization.

Browse through over 30+ Tables & 25+ Figures spread over 110+ Pages and in-depth TOC on "Size of Global Smart Agriculture Market Share, Growth and Trends Analysis Forecast, 2018 – 2027".

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Massive need for fulfilling global food demands will boost the market growth

The rise in the demand for food and the necessity of greenhouse farming activities is likely to drive the expansion of the smart agriculture industry over the forecast timeline. In addition to this, the humungous requirement of smart irrigation management activities will steer the growth of the smart agriculture industry during the forecast timeline.

Furthermore, legislation favoring smart farming activities are likely to influence the growth of the smart agriculture industry over the period from 2019 to 2027. Nonetheless, a low level of consciousness pertaining to new farming techniques among the farmers will put brakes on the growth of the business over the forecast timeline. However, emerging countries are expected to offer abundant opportunities for the industry over the forecast timespan.

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Apart from this, growing demand for personalized food products along with growing health consciousness will trigger the market growth over the forecast period. Moreover, a severe need for increasing the crop output, changing value chain & firm configurations, and improvement in the efficiency of supply chain activities will offer massive growth opportunities for the market over the forecast timeline.

Precision farming to lead the agriculture type segment by 2027

The growth of the segment during the forecast period is due to its ability to produce high crop yield with input used in precise proportion or minimally. Moreover, precision farming helps in preventing the degradation of agricultural land and makes proficient utilization of water resources.

Furthermore, huge acceptance of precision farming techniques including positioning systems, guidance systems, remote sensing, and variable rate systems by the farmers will boost the segmental growth during the forecast timeline.

Browse the full "Smart Agriculture Market By Agriculture Type (Precision Farming, Livestock Monitoring, Fish Farming, Smart Greenhouse, and Others), By Software (Web-Based and Cloud-Based), By Applications (Yield Monitoring, HVAC Management, Field Mapping, Irrigation Management, Crop Scouting, Weather Tracking & Forecasting, Farm Labor Management, Financial Management, Feeding Management, Breeding Management, Milk Harvesting, Fish Tracking & Fleet Navigation, Water Quality Management, and Others), By Service (System Integration & Consulting, Managed Services, Support & Maintenance, Connectivity Services, and Professional Services), and By Solution (Network Management, Smart Water Management, Agriculture Asset Management, Logistics & Supply Chain Management, Supervisory Control & Data Acquisition, and Others): Global Industry Perspective, Comprehensive Analysis, and Forecast, 2018 – 2027" Report at <https://www.fnfresearch.com/smart-agriculture-market-by-agriculture-type-precision-farming-213>

Weather tracking & forecasting segment to record the highest CAGR over the forecast period

The weather tracking & forecasting segment is predicted to register the highest growth rate of more than 15% during the forecast timeline. The segmental growth is credited to massive usage of weather tracking & forecasting applications in smart agricultural activities by the peasants.

North America to contribute majorly towards the overall market revenue share by 2027

The regional market growth is attributed to huge government funding to carry out research & development activities in the farming sector with an aim to increase the crop output. In addition to this, farmers in countries like the U.S. and Canada are accepting new farming techniques like guidance systems, display equipment, farm management software, and sensors. This, in turn, will further expand the business scope in the region over the forecast period.

Some of the key participants in the business include SST Development Group, Inc., Trimble Inc., Topcon, The Climate Corporation, GEA Group, Ag Leader Technology, Inc., Deere & Company, AgJunction LLC, AGCO Corporation, Precision Planting LLC, Agribotix LLC, Raven Industries Inc., Auroras s.r.l., BouMatic, DeLaval, SemiosBio Technologies Inc., and Grownetics, Inc.

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This report segments the Smart Agriculture market as follows:

Smart Agriculture Market: By Agriculture Type Analysis

Precision Farming

Automation & Control Systems

Displays

Guidance and Steering

GPS/GNSS Systems

Drones/UAVs

Handheld Mobile Devices/Handheld Computers

Flow and Application Control Devices

Others

Sensing & Monitoring Devices

Yield Monitors

Soil Sensors

Water Sensors

Climate Sensors

Others

Livestock Monitoring

- RFID Tags and Readers
- Sensors
- Transmitters & Mounting Equipments
- GPS
- Others

- Fish Farming

- GPS/GNSS
- Sensors
- Others

- Smart Greenhouse

- HVAC Systems
- LED Lights
- Sensors
- Others
- Others (Orchid, Horticulture, and Forestry)

- Smart Agriculture Market: By Software Analysis

- Web-Based
- Cloud-Based

- Software As A Service (SaaS)
- Platform As A Service (PaaS)

- Smart Agriculture Market: By Service Analysis

- System Integration and Consulting
- Support and Maintenance
- Connectivity Services
- Managed Services

- Farm Operation Services
- Data Services
- Analytics

- Professional Services

- Supply Chain Management Services
- Climate Information Services
- Others

- Smart Agriculture Market: By Solution Size Analysis

- Network Management
- Agriculture Asset Management
- Supervisory Control and Data Acquisition
- Logistics and Supply Chain Management
- Smart Water Management
- Others

- Smart Agriculture Market: By Application Analysis

Yield Monitoring
Field Mapping
Crop Scouting
Weather Tracking and Forecasting
Irrigation Management
Farm Labor Management
Financial Management
Feeding Management
Milk Harvesting
Breeding Management
Fish Tracking and Fleet Navigation
Water Quality Management
HVAC Management
Others

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