

# Smart Agriculture Sensors Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Smart agriculture, also known as precision agriculture, allows farmers to maximize yields using minimal resources such as water, fertilizer, and seeds. By deploying sensors and mapping fields, farmers can begin to understand their crops at a micro scale, conserve resources, and reduce impacts on the environment. Smart agriculture has roots going back to the 1980s when Global Positioning System (GPS) capability became accessible for civilian use. Once farmers were able to accurately map their crop fields, they could monitor and apply fertilizer and weed treatments only to areas that required it. During the 1990s, early precision agriculture users adopted crop yield monitoring to generate fertilizer and pH correction recommendations. As more variables could be measured and entered into a crop model, more accurate recommendations for fertilizer application, watering, and even peak yield harvesting, could be made. A number of sensing technologies are used in precision agriculture, providing data that helps farmers monitor and optimize crops, as well as adapt to changing environmental factors including:

This report contains market size and forecasts of Smart Agriculture Sensors in global, including the following market information:

Global Smart Agriculture Sensors Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Smart Agriculture Sensors Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Smart Agriculture Sensors companies in 2021 (%)

The global Smart Agriculture Sensors market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Location Sensor Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Smart Agriculture Sensors include Vishay, Honeywell, Texas Instruments, Auroras s.r.l., Bosch, Avidor High Tech, Libelium, Sol Chip Ltd and Pycno Agriculture, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Smart Agriculture Sensors manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Smart Agriculture Sensors Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Smart Agriculture Sensors Market Segment Percentages, by Type, 2021 (%)

Location Sensor

Optical Sensor

Other

Global Smart Agriculture Sensors Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Smart Agriculture Sensors Market Segment Percentages, by Application, 2021 (%)

Yield Monitoring and Mapping

Soil Monitoring

Disease Control and Detection

Irrigation and Water Management

Other

Global Smart Agriculture Sensors Market, By Region and Country, 2017-2022,  
2023-2028 (\$ Millions) & (K Units)

Global Smart Agriculture Sensors Market Segment Percentages, By Region and  
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

## Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

## South America

Brazil

Argentina

Rest of South America

## Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Smart Agriculture Sensors revenues in global market, 2017-2022  
(Estimated), (\$ millions)

Key companies Smart Agriculture Sensors revenues share in global market, 2021 (%)

Key companies Smart Agriculture Sensors sales in global market, 2017-2022  
(Estimated), (K Units)

Key companies Smart Agriculture Sensors sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Vishay

Honeywell

Texas Instruments

Auroras s.r.l.

Bosch

Avidor High Tech

Libelium

Sol Chip Ltd

Pycno Agriculture

CropX Inc

Trimble Inc

Sentera, LLC.

The Yield Pty Ltd

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