

IoT in Agriculture Market Emerging Trends, Present Scenario and Growth Prospects 2021-2030 | Emergen Research

IoT in Agriculture Market Adverse weather conditions are a major factor driving IoT in agriculture market revenue growth

VANCOUVER, BC, CANADA, April 14, 2022 /EINPresswire.com/ -- The global Internet of Things (IoT) in agriculture market size reached USD 11.20 Billion in 2021 and is expected to register a revenue CAGR of 11.4% during the forecast period, according to latest analysis by Emergen Research.

Increasing demand for IoT in agriculture owing to rising

collaborations between farming equipment manufacturers and technology companies is driving market revenue growth.



Every object that can be controlled over the internet is an IoT device. With the introduction of wearables such as smartwatches and home management products such as Google Home, IoT devices have become extremely popular in consumer markets. This cutting-edge technology is now widely used in agricultural practices. The applications of IoT in farming are aimed at conventional farming operations in order to meet increasing demand and reduce production losses. Robots, drones, remote sensors, and computer imaging, combined with constantly improving machine learning and analytical tools, are used in agriculture to monitor crops, survey and map fields, and provide data to farmers for rational farm management plans, saving both time and money.

The researchers have considered all the factors influencing the growth of the [IoT in Agriculture market](#) on the global and regional scale.

The report considers the COVID-19 pandemic as one of the key influencing factors of the IoT in Agriculture market. The pandemic has disrupted the supply chains and economic scenario of the market and has hindered the growth of the market. The report discusses in detail the overall impact of the COVID-19 pandemic on the IoT in Agriculture market and its key segments. The

report also offers a current and future impact of the COVID-19 pandemic on the market.

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Key Highlights From The Report

- Sensing and monitoring devices segment accounted for second-largest revenue share in 2021. Modern farming techniques such as precision farming, readily employs sensing technologies and monitoring devices to improve production. Sensing technologies generate actionable data that can be processed and implemented as needed to maximize crop yield while minimizing environmental impact. A variety of sensing technologies are used in agricultural practices to generate data that helps farmers monitor and optimize crops, as well as to adapt to changing environmental factors. These technologies include location sensors, optical sensors, electrochemical sensors, mechanical sensors, airflow sensors, agricultural weather sensors, and dielectric soil moisture sensors. The growing demand for sensing and monitoring devices is primarily owing to their effectiveness in field monitoring, yield mapping, salinity mapping, and guidance systems.

- On February 15, 2022, Kacific Broadband Satellite Ltd., a Singapore-based provider of fast, reliable, and low-cost satellite internet to homes, businesses, and governments of various countries throughout Asia Pacific, announced plans with Farmer Charlie based in the UK to bring satellite-powered agricultural information and expertise to farmers in remote and isolated parts of Southeast Asia and the Pacific. Furthermore, Kacific and Farmer Charlie will work together to provide agricultural advice, localized weather information, and agribusiness information including data from in-field sensors to smallholder farmers and agribusinesses in an effort to help them improve land management and food production through the use of smart digital tools. The service is also expected to help farmers reduce post-harvest loss, better manage the risk of drought, floods, and other extreme weather events, and deal with the consequences of climate change.

Key Players operating in the industry are:

AGCO Corporation, Deere & Company, GEA Group Aktiengesellschaft, Trimble Inc., AgJunction Inc., Raven Industries, Inc., DeLaval, CropMetrics, Intervet Inc., and AKVA group.

To know more about the report, visit @ <https://www.emergenresearch.com/industry-report/iot-in-agriculture-market>

Emergen Research has segmented global IoT in agriculture market on the basis of system, application, and region:

- System Outlook (Revenue, USD Billion; 2019-2030)

- oAutomation and Control Systems

- oSensing and Monitoring Devices

- oLivestock Monitoring Hardware

- oFish Farming Hardware

- oSmart Greenhouse Hardware
- oSoftware
- Application Outlook (Revenue, USD Billion; 2019-2030)
- oLivestock Monitoring
- oSmart Greenhouse
- oPrecision Forestry
- oFish Farm Monitoring
- oPrecision Farming
- oOthers

The Global IoT in Agriculture Market is further analyzed across the key geographical locations where the market has expanded to a significant size. The key region analyzed are North America, Latin America, Europe, Asia Pacific, and Middle East & Africa. The report offers a country-wise analysis to provide a comprehensive analysis of the IoT in Agriculture market in terms of production and consumption patterns, supply and demand ratio, import/export, revenue contribution, trends, and presence of prominent players in each region.

Regional Analysis Covers:

- North America (U.S., Canada)
- Europe (U.K., Italy, Germany, France, Rest of EU)
- Asia Pacific (India, Japan, China, South Korea, Australia, Rest of APAC)
- Latin America (Chile, Brazil, Argentina, Rest of Latin America)
- Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of MEA)

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The all-inclusive report on the Global IoT in Agriculture Market added by Emergen Research demonstrates that the global IoT in Agriculture market is presumed to grow at a steady CAGR throughout the forecast timeline. The report analyzed the key market drivers, restraints, growth opportunities, investment opportunities, threats, and limitations of the IoT in Agriculture market. The report also offers accurate forecast estimation at a global and regional level to impart a better understanding of the scope of the market.

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Radical Features of the IoT in Agriculture Market Report:

- The report encompasses IoT in Agriculture market overview along with market share, demand and supply ratio, production and consumption patterns, supply chain analysis, and other key elements
- An in-depth analysis of the different approaches and procedures undertaken by the key players to conduct business efficiently
- Offers insights into production and manufacturing value, products and services offered in the market, and fruitful information about investment strategies

- Supply chain analysis along with technological advancements offered in the report
- The report covers extensive analysis of the trends, drivers, restraints, limitations, threats, and growth opportunities in the IoT in Agriculture industry

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