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US IoT in Agriculture Market Size study, by System (Automation and control systems, Sensing and Monitoring Devices, Livestock Monitoring Hardware, Fish Farming Hardware, Smart Greenhouse Hardware, Software) by Farm Type (Large, Mid Size, Small Farms), by Application (Precision Farming, Livestock Monitoring, Smart Greenhouse, Fish Farm Monitoring) Forecasts 2022-2032

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Abstracts

US IoT in Agriculture Market is valued approximately USD 6.54 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 12.31% over the forecast period 2024-2032. IoT in Agriculture involves the integration of sensors, devices, and software to collect, monitor, and manage various aspects of farming operations. This includes monitoring soil moisture levels, temperature, humidity, crop health, livestock tracking, equipment utilization, and more. The goal of IoT in Agriculture is to improve efficiency, productivity, and sustainability in farming practices. By utilizing real-time data and analytics, farmers can make informed decisions to optimize resource usage, reduce waste, and enhance crop yields. The U.S. IoT In Agriculture Market encompasses a wide range of players, including technology providers, agricultural equipment manufacturers, software developers, and agricultural service providers. Trends such as Precision agriculture techniques, enabled by IoT technologies, are becoming more prevalent. Farmers are using IoT sensors and data analytics to precisely manage inputs such as water, fertilizer, and pesticides, optimizing resource usage and maximizing yields while minimizing environmental impact. Thus, this trend can further provide opportunity for the US IoT in Agriculture Market.

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Advancements in IoT (Internet of Things) technologies is one of the significant factors that drive demand for US IoT in Agriculture Market. With ongoing innovation, IoT devices have become smaller, more affordable, and more precise, revolutionizing farming practices. Enhanced sensor technology allows for real-time monitoring of critical parameters like soil moisture, temperature, and crop health, empowering farmers to make timely, data-driven decisions. For instance, in May 2023, Soracom launched its new multi-carrier IoT service in US. According to the company, it provides crop growers to optimize crop yield and health by connecting the crop-growing environment and its sensors remain seamlessly connected even in rural areas Moreover, the expansion of connectivity options, including wireless technologies such as Wi-Fi has enabled seamless data transmission from remote fields to centralized platforms. This connectivity revolutionizes farm management by providing instant access to vital information, even in rural areas. However, high adoption costs, and security concerns can stifle market growth between 2022 and 2032.

Major market player included in this report are:
Climate LLC
International Business Machines Corporation
Cisco Systems, Inc.
Trimble Inc.
Telit Corporate Group
SWIIM System, Ltd.
SlantRange, Inc.
Company 8
Company 9
Company 10

The detailed segments and sub-segment of the market are explained below:

By System
Automation and control systems
Sensing and monitoring devices
Livestock monitoring Hardware
Fish farming hardware
Smart greenhouse hardware
Software

By Farm Type

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Large
Mid Size
Small Farms

By Application
Precision farming
Livestock monitoring
Smart greenhouse
Fish farm monitoring

Years considered for the study are as follows:
Historical year – 2022
Base year – 2023
Forecast period – 2024 to 2032

Key Takeaways:
Market Estimates & Forecast for 10 years from 2022 to 2032.
Annualized revenues and Country level analysis for each market segment.
Detailed analysis of geographical landscape with Country level analysis of major regions.
Competitive landscape with information on major players in the market.
Analysis of key business strategies and recommendations on future market approach.
Analysis of competitive structure of the market.
Demand side and supply side analysis of the market.

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