

Yield Monitoring Devices and Services Market Estimated to Experience a Hike in Growth By 2032

Yield Monitoring Devices and Services Market Will See Strong Expansion Through 2032

WILMINGTON, DE, UNITED STATES, February 7, 2025 /EINPresswire.com/ -- Yield monitoring devices and services enable farmers to record yield data while harvesting to evaluate the effects of weather, fertilizers, pesticides, and soil properties on yield production. In recent years, the applications of innovative technologies related to yield monitoring devices have resulted in a continual increase in agricultural yield and helped growers to substantially enhance their profitability. Implementation of these devices and services helps in improving site-specific farming. Yield monitoring and mapping services offer indispensable on-farm and off-farm benefits including real-time availability of farm information, and a spatial database, which helps the agricultural producers make thorough evaluations of overall field conditions.

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The rapidly increasing food demand owing to burgeoning population puts pressure on increasing agricultural yield which can be achieved through innovative & efficient yield monitoring solutions. This is a key factor driving the growth of the [Yield Monitoring Devices and Services Market](#). Latest technological advancements related to yield monitoring services help to considerably save input costs related to seeds, chemicals, fertilizers, and fuel usage which is a key factor boosting the growth of the market. Furthermore, government initiatives in terms of subsidies persuade farmers to adopt different yield monitoring techniques, which offers growth momentum to the market. However, low awareness about yield monitoring services and lack of specialists along with low utilization of yield data are the factors that hamper the growth of the market. The emergence of Unmanned Aerial Vehicles (UAV) for monitoring yield is considered to offer ample growth opportunities in the market. Moreover, the adoption of high-end technology such as the Internet of Things (IoT) related to yield monitoring also offers huge opportunities for the growth of the market. The accurate and precise calibration of yield monitoring devices is a key market challenge that needs to be overcome by key market players to gain a stronghold in the market.

The report segments the market based on technology, components, applications, and geography. Based on technology, the market is segmented into guidance systems and remote

sensing. The guidance systems are further segmented into Global Positioning System (GPS) and Geographic Information System (GIS), while remote sensing is further segmented into handheld and satellite. Based on applications the market is segmented into the basis of applications the market is segmented into Variable Rate Application (VRA), Field Mapping, Soil Monitoring, Crop Scouting, and Others. The Variable Rate Application (VRA) is further segmented into Map-Based VRA and Sensor-Based VRA, while Field Mapping is further segmented into boundary mapping and drainage mapping. The soil monitoring is further segmented into moisture monitoring and nutrient monitoring segments. Based on geography, the market is segmented into North America, South America, Europe, APAC, and the Rest of the World (ROW).

Key market players extensively profiled in the report include Ag Leader Technology, Deere & Company, Precision Planting Inc., Raven Industries Inc., AgJunction Inc., AGCO Corporation, Trimble Navigation Limited (U.S.), Case IH (U.S.), TeeJet Technologies (U.S.), and Topcon Precision Agriculture (U.S.).

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- The report provides a comprehensive analysis of current & future market trends and emerging avenues for the growth of the market across the globe.
- The report offers an overview of the government subsidies and their impact on the adoption rate of yield monitoring devices & services by farmers and agricultural producers across different countries
- The latest industry trends such as automation, mechanization, and standardization of yield monitoring devices, along with real-time soil moisture management systems, are highlighted in the report.
- This report entails a detailed quantitative analysis of the current market and estimations which assists in identifying the prevailing market opportunities.
- The report analyses the top impacting factors in detail and offers an adoption rate analysis of the market based on different segments across different countries.
- Porter's Five Forces analysis is offered in the report along with highlighting the bargaining power of buyers and suppliers.
- The report offers a strategic analysis of the financial status of key market players and highlights the market share of key vendors.
- The report offers information on the status of new projects along with offering an investment feasibility analysis of the same.

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