

IOT TRACKING DEVICES REVOLUTIONIZING PRECISION AGRICULTURE

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Abstract

Using IoT (Internet of Things) devices for real-time tracking of vehicles and instruments on a farm can provide valuable data that can inform and improve farm management strategies. With IoT devices, farmers can track the location of equipment, monitor soil moisture and nutrient levels, and even track the movements of livestock. This data can help farmers optimize their operations, reduce waste, and increase yields. In addition, IoT devices can provide real-time alerts for potential problems, allowing farmers to address issues quickly and efficiently. Overall, the use of IoT devices in farm management is a promising trend that has the potential to revolutionize the way farms operate. This paper aims to identify the most sustainable methods of collecting field data in an accurate and up-to-date manner by comparing different types of devices. Overall, the integration of IoT devices proved to be a valuable addition to the data collection process, and further emphasized the importance of utilizing technology in modern data collection techniques.

Key words: farm management, precision agriculture, artificial intelligence