

IoT-based Tracking Cattle Health Monitoring System Using Wireless Sensors

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Abstract: Maintaining the health of dairy cows is essential to raising the production of dairy products worldwide. Due to the numerous health problems that cows face, the unpredictability of disease outbreaks, and the high cost of producing new animals, dairy farmers are beginning to lose faith in the industry. To increase milk production, producers must thus employ effective technological methods for monitoring the health of their cows. This research examined many automated wireless sensor-based dairy cow health monitoring systems. The primary goal of smart surveillance systems based on wireless sensor networks (WSNs) in agricultural optimization is to continuously monitor the health of dairy cows. For interested farmers to keep an eye on their cattle's whereabouts throughout the day from many locations, this monitoring device needs to be deployed in both local and remote agricultural areas. A database would hold the information gathered by the automated system. Farmers can then use farm automation to acquire data so they can implement efficient farm management practices. Moreover, WSN is a low-cost tool designed specifically to detect diseases in dairy cows. This technological advancement in agricultural automation would help increase output by lowering the need for human intervention. This page provides an overview of all livestock tracking methods along with a summary of the problems and difficulties they face

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