# Patent Search

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**Abstract:**

The present invention relates to provide an integration of IoT and machine learning approaches for predicting soil moisture and weather with crop prediction to impr agriculture yields. The present invention represents a significant advancement in agriculture technology. This unique solution offers real-time monitoring, improved v predictions, and holistic crop predictions, providing farmers with valuable insights to enhance their yields and make informed decisions. Moreover, its scalability and environmental sustainability contribute to the long-term success of modern agriculture while addressing the challenges of a changing climate and resource constrain look to the future, this integrated system holds great promise in revolutionizing the agricultural sector and ensuring global food security.

Complete Specification

Description:Technical field of invention:

The present invention relates to provide an integration of IoT and machine learning approaches for predicting soil moisture and weather with crop prediction to imp agriculture yields.

Background:

Agriculture is the backbone of our society, providing food and sustenance for the global population. However, modern agriculture faces numerous challenges, inclu climate change, resource scarcity, and the need for sustainable practices. To address these challenges, a novel integration of Internet of Things (IoT) and machine le approaches has been developed to predict soil moisture and weather while providing crop predictions. This innovative solution goes beyond previous research effo offers a unique approach to improving agriculture yields.

Groupings of alternative elements or embodiments of the invention disclosed herein are not to be construed as limitations. Each group member can be referred to claimed individually or in any combination with other members of the group or other elements found herein. One or more members of a group can be included in, deleted from, a group for reasons of convenience and/or patentability. When any such inclusion or deletion occurs, the specification is herein deemed to contain th

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