

# Agricultural Crop Recommendation System Using IoT and M.L.

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**Abstract:** Agriculture is the backbone for a developing economy like India and there is an enormous need to maintain the agricultural sustainability. Hence it is a significant contribution towards the economic and agricultural welfare of the countries across the world. Effective utilization of agricultural land is crucial for ensuring food safety and security of a country. The aim of this paper is to propose an IoT and ML based Agriculture system that can assist farmers or agriculturist in crop prediction based on Metrological Agriculture theory by getting live Metrological data from the crop field using IoT technology and M.L for prediction which will enable smart farming and increase their overall yield and quality of products.

**Keywords:** Agricultural Meteorology, Crop Prediction, Internet of Things, Machine Learning, Smart Farming.

## REFERENCES

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- [6]. Journal - "Smart Agriculture Based on Cloud Computing and IoT" Internet of things and RFID technologies can help build plant factory and realize automatic control production of agriculture. Cloud computing is closely related to internet of things. A perfect combination of them can promote fast development of agricultural modernization, realize smart agriculture and effectively solve the issues concerning agriculture, countryside and farmers.