Fertilizer recommendation system for disease prediction

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Literature survey:

Title & Author	Year	Technique	Proposed system
Soil Based Fertilizer Recommendation System for Crop Disease Prediction System - P.Pandi Selvi, P.Poornima	2021	Long or Short Term Memory algorithm.	The proposed system was able to analyse the soil nutrient type efficiently, kind of leaf disease present in the crop and predict the fertilizer in a proficient manner. The approach was flexible, and can be extended to the needs of the users in a better manner
Farmer's Assistant: A Machine Learning Based Application for Agricultural	2022	Image Analysis, Deep Learning, Machine Learning	A user-friendly web application system based on machine learning and web-scraping

Solutions- Shloka Gupta, Aparna Bhonde, Akshay Chopade , Nishit Jain			called the 'Farmer's Assistant'. With our system, we are successfully able to provide several features - crop recommendation using Random Forest algorithm, fertilizer recommendation using a rule based classification system, and crop disease detection using EfficientNet model on leaf images
IOT based Crop Recommendation, Crop Disease Prediction and Its Solution - Rani Holambe, Pooja Patil, Padmaja Pawar , Hrushikesh Joshi, ,Saurabh Salunkhe	2020	crop recommendation system, crop disease prediction, Internet of Things, Machine Learning	The ML and IoT based suggestions will significantly educate the farmer and help them minimize costs and make strategic decisions by replacing intuition and passed-down knowledge with

			far more reliable data-driven ML models.

Reference:

1.http://www.ijetajournal.org/volume-8/issue-2/IJETA-V8I2P1

2. https://arxiv.org/pdf/2204.11340

3. https://www.irjet.net/archives/V7/i10/IRJET-V7I1004