Fertilizer recommendation system for disease prediction

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LITERATURE SURVEY:

S. No.	Title & Author	Year	Proposed System
1	Soil Based Fertilizer Recommendation System for Crop Disease Prediction System - P.PandiSelvi, P.Poornima	2021	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
2	Farmer's Assistant: A Machine Learning Based Application for Agricultural Solutions- ShlokaGupta, Aparna Bhonde, AkshayChopade , Nishit Jain	2022	A user-friendly web applicationsystem based onmachine learning and web-scraping called the 'Farmer's Assistant'. Withour system, we are successfullyable to provideseveral features -crop recommendationusing Random Forest algorithm, fertilizer recommendationusing arule based classification system, and crop disease detection usingEfficient Net mode on leaf images
3	IOT based Crop Recommendation, Crop Disease Prediction and Its Solution - Rani Holambe, Pooja Patil, Padmaja, Pawar, Hrushikesh Joshi, Saurabh Salunkhe	**2020**	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. https://thesai.org/Downloads/Volume13No4/Paper_19_Soil_Nutrients_Prediction_and_Optimal_Fertilizer.pdf
2. https://arxiv.org/pdf/2204.11340.pdf
3. https://www.irjet.net/