FERTILIZERS RECOMMENDATION SYSTEM FOR DISEASE PREDICTION

LITERATURE SURVEY

S.NO	AUTHOR &YEAR	TITLE	DESCRIPTION
1.	R.Indumathi, N.saagari,v.Thejuswini,R.swarnareka (2019)	Leaf Diseases Detection and Fertilizer Suggestion.	Our system uses K-Mediod clustering and random forest algroithm to produce more accuary in the detection of diseases in the leaf.
2.	Kanaga suba raja subraminan.(2020)	Design and Implementation of Fertilizer recommendation system for farmers.	the soil sample is analyzed using an IoT based device utilizing NPK sensor with two Electrodes are set to calculate collect the NPK ratio of the soil nutrient and for pre-procesing ,the data gathering from sensor are figured into correct dataset and machine learing algrothim is ulitilzed to recoginze the resonable fertilizer.
3.	Shloka Gupta,nishit Jain ,Akahay Chopade,Aparna bhonde (2022)	Farmer 's Assistant : A Machine Learing Based Application for Agricultural Solutions	Additionaly , such models are not easy to use because of the high - Quality data used in there training , lack of computational power , and poor generalizability of the models .we create an open-source easy-to-use web application to address some of these issues which may help improve crop production. In particular, we support crop recommendation, fertilizer recommendation, plant disease prediction, and an interactive news-feed. In addition, we also use interpretability techniques in an attempt to explain the prediction made by our disease detection model.
4.	Dr. p.pandi selvi ,p. poornima (2021)	Soil based Fertilizer Recommendation system for crop diseases prediction system.	The data from the soil testing lab was fed to the recommendation system that will use the collected data and do ensemble model with majority voting technique using support vector machine (SVM) and ANN as the learners to recommend a crop for site specific parameter with high accuracy and efficiency. the main benefits of the proposed system are as follows :

			yield right crop the right time ,Balancing the crop production ,control plant diseases, economic growth ,and planning to reduce the crop scarcity.
5.	H. shiva reddy ,ganesh hedge ,prof.D.R chinnayan (2019)	IOT based Leaf Diseases Detection and fertilizer Recommendation .	this paper introduces the concept of internet of thing (IOT) and dicuss es the role of IOT in agriculture diseases in insect pest control and give throught regarding estimation of diverse climatic parameters of plant .