FERTILIZER RECOMMENDATION SYSTEM FOR DISEASE PREDICTION

ABSTRACT:

Agriculture is the backbone of our country and preserving it is the important aspect of our environment. For protecting crops, we are going to predict the disease that affects the crops. Based on the disease affected, once it is identified the suitable fertilizer will be recommended for the cure of the disease. Firstly, the images are collected and then preprocessed. Then Predictions are made with the help of trained dataset and the prediction of the disease and recommendation of fertilizer are done.

SOLUTIONS:

- ✓ Accuracy of the model is the core key for the rectification of disease and will help the crisis and will lead farmers to cultivate the crops in a well manner.

- ✓ Detecting and recognition of plant diseases using the model is very efficient in providing symptoms of identifying diseases at its earliest, The system will provide the solution without any delay.

- ✓ Prediction and detection of the disease is difficult if the images are not uploaded with sheer clarity. So uploading the good quality images will be advisable one.

- ✓ The status of the crops and factors affecting the field environment such as temperature, humidity and soil moisture can be monitored continuously from any remote locations.