PROPOSAL SYSTEM:

The aim of proposed system is to help farmers to cultivate crop for better yield. The dataset of crop yield is collected from last 5 years from different sources. There are 3 steps in proposed work.

1) Crop Yield Prediction: Crop Yield Prediction can be done using crop yield data, nutrients and location data. These inputs are passed to Random Forest and Support Vector Machine algorithms. These algorithms will predict crop based on present inputs.

2) Fertilizer Recommendation: Fertilizer Recommendation can be done using fertilizer data, crop and location data. In this part suitable crops and required fertilizer for each crop is recommended.