

Fertilizer Recommendation System for PlantDisease Prediction

PROBLEM STATEMENT

Customers View

Person A owns his own farmland and is engaged in agriculture, while Person B grows crops at home. They Both faced a problem in Choosing Fertilizers and Controlling of Plant Disease.

- They want to know the best fertilizer recommendations for plants with the disease.
- Farmer has faced huge losses for a long time.
- This problem is usually faced by most farmers and gardeners.
- They need to know the result immediately.

Who does the problem affect?	This Problem affects the persons who do agriculture and gardeners.
What is the issue?	Disease in crops and Plants. This disease reduces the plant's growth and productivity. Plant diseases, in general, are caused by abnormal physiological functions of plants.
Where does the issue occur?	This problem exists on farmlands as well as on homegrown Plants.
Why is it important that we fix the problem?	It is important for people's healthy life. It is required for the growth of better quantity & quality food products. It is important to maximise the crop yield.

What solution to solve this issue?	An automated system is introduced to identify different diseases on plants by checking the symptoms shown on the leaves of the plant. By simply taking a photo we can easily identify disease.
What methodology used to solve the issue?	Machine learning techniques are used to identify the diseases and suggest the precautions that can be taken for those diseases and also suitable fertilizer is recommended.