ABSTRACT

Project Title: Crop Disease Predictor

Problem Statement:

Plant diseases have turned into a dilemma as it can cause significant reduction in both quality and quantity of agricultural products. Automatic detection of plant diseases is an essential research topic as it may prove benefits in monitoring large fields of crops, and thus automatically detect the symptoms of diseases as soon as they appear on plant leaves.

Proposed Solution to be Developed by the Team:

1) To design such system that can detect crop disease and pest accurately.
2) Create database of insecticides for respective pest and disease.
3) To provide remedy for the disease that is detected.

Uniqueness of the Proposed Solution:

1) To detect unhealthy region of plant leaves.
2) Classification of plant leaf diseases using texture features.