

FERTILIZERS RECOMMENDATION SYSTEM FOR DISEASE PREDICTION

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PROBLEM SOLUTION FIT

Agriculture is one field which has a high impact on life and economic status of human beings. Improper management leads to loss in agricultural products. Farmers lack the knowledge of disease and hence they produce less production. Farmers are unable to explain disease properly on call need to analysis the image of affected area of disease. Though, images and videos of crops provide better view and agro scientists can provide a better solution to resolve the issues related to healthy crop yet it not been informed to farmers. It is required to note that if the productivity of the crop is not healthy, it has high risk of providing good and healthy nutrition. Due to the improvement and development in technology where devices are smart enough to recognize and detect plant diseases. Recognizing illness can prompt faster treatment in order to lessen the negative impacts on harvest. This paper therefore focus upon plant disease detection using image processing approach. This work utilizes an open dataset of pictures of unhealthy and solid plants, where convolution system and semi supervised techniques are used to characterize crop species and detect the sickness. Farmers can interact with portal build interact with user interface to upload images of diseases leaf the image will be processing and train data to the algorithm. These types of algorithm may evaluate the processing of image and predict to the user interface.

SOLUTION ARCHITECTURE

