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Plant Leaf Disease Detection using KNN Algorithm

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Abstract: *Software has always been a companion for humans since the boomed invention of automation. All the automation which has been done till date always carried a motive for the ease of complex processes and sometimes for replacing enormous human activities. The project presents plant leaf disease detection, effect of disease on plant yield and the remedies for its cure. In agriculture, research of automatic plant disease is essential in monitoring large fields of plants, and thus automatically detect symptoms of disease as soon as they appear on plant leaves. Every other field has got some benefit from new technologies as compared to the agricultural field. According to past studies, 42% of agricultural production is in loss and that too because of the increasing rate of loss due to plant leaf diseases. To overcome this major issue, this plant leaf disease detection technique can be applied to detect a disease from the input images. This process involved steps like image preprocessing, image segmentation, feature extraction.*

Keywords: Plant Leaf Detection.

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