

Paddy Leaf Disease Detection and Pesticides Recommendation

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Abstract: This study proposes a novel approach for detecting diseases in paddy leaves using machine learning algorithms. The proposed system utilizes an image processing technique to extract features from the leaf images, and then trains a classifier model to detect the diseases. Additionally, the system recommends suitable pesticides based on the detected diseases. The proposed system achieves high accuracy in disease detection and pesticide recommendation, indicating its potential for use in precision agriculture.

Keywords: Image processing, Classifier model, Detect disease, Pesticides Recommendation

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