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Maize Leaf Disease Detection Using Machine Learning

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KEYWORDS	ABSTRACT
Maize, Disease Detection, Machine Learning	This research emphasizes on categorizing and cataloging maize leaves three types diseases using machine learning. A collection of maize leaves diseases images, including individually healthy and infected images samples, was inspected. Five models of machine learning Random Forest, SVM, Decision Tree, Logistic Regression, and KNN – were gaged through K-fold validation. Midst these, the Random Forest model attained the chief accuracy. The results direct that these models are real world reliable technique to detect corn leaves viruses in time, allowing agriculturalists to keep yields safe from leaves diseases and convention inclusive crop quality.
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