Abstract

Leaf color is used as a guide for assessments of nutrient status and plant’s health. So that a new method is proposed for the detection of Chlorophyll content based on the leaf color.
Based on green color present in leaf we can estimate the chlorophyll content in leaf. The proposed equation produced superior results with the true value of chlorophyll content measured in the laboratory compared with existing methods when applied in three types of papaya leaf (dry leaf, Tender leaf, healthy leaf).

References


Index Terms

Computer Science

Applied Science
Keywords
Chlorophyll Content  Spad  Rgb  Hsv