

CARBOHYDRATE METABOLISM IN ARECANUT
(*ARECA CATECHU* L.) LEAVES AFFECTED BY
YELLOW LEAF DISEASE*

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ABSTRACT

The reducing, non-reducing, total sugars and starch contents of yellow leaf disease affected and healthy tissues of arecanut (*Areca catechu* L.) were analysed at bimonthly intervals for a year. The carbohydrate content in infected leaves remain higher than in healthy tissues. The trend or shift in the metabolic activities by increasing accumulation of sugars in the disease-affected palms are discussed in the light of sink capacity and carbohydrate distribution.

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