

Contenido mineral de *Acacia mangium* Willd bajo condiciones de defoliación

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Abstract

In an *Acacia mangium* Willd plantation, located in the western part of Venezuela, a trial was carried out to assess the mineral content of leaves of *Acacia mangium* under three defoliation frequencies (6, 9 and 12 weeks) and three defoliation heights (50, 75 and 100 cm). The factors studied were combined in a factorial arrangement of a random block design with three replications. There were significant differences ($P < 0.05$) for the frequency and height of defoliation on the concentrations of K, Mn and Zn. The data showed that levels of Ca, Mg, Na and P were affected by maturity. Mineral contents reduction with advancing maturity may be due to a natural dilution process.

Key words: *Acacia mangium*, mineral composition, defoliation

Recibido el 6-12-2000 ● Aceptado el 6-7-2001

1. Trabajo financiado por el CONDES-LUZ bajo el Proyecto N° 804-2000

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