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El crecimiento del pasto Panicum maximum cv Mombaza en la Amazonía Ecuatoriana  
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### Abstract

Different experiments indicate adaptation to diverse ecosystems of the genus Panicum . Therefore, the aim of this study was to determine the growth of the species Pa nicum maximum cv Mombaza conditions of the Ecuadorian Amazon . The research was conducted at the Station of Pastures and Forages Research Center and Graduate ( CIPCA) belonging to the Amazon State University . And age (x: independent ): A randomized block desi gn and regression analysis between the variables height ( dependent y) employ . A standardization cut five inches off the ground was held on June 20, 2013 , to assess the effect of age after cutting equalization in plant development . Plots of 25 m2 were used in Inseptisol ground. Up to 12, 19 , 33 , 40 , 48 , 55, 62 and 70 days of age was determined. Starting with these measurements growth curves , the absolute and relative rates of growth and functional relationship between age and the yield was made , adjusting th e latter to a quadratic equation. We conclude that the grass Panicum maximum cv . Mombaza is promising for the soil and climatic conditions of the Ecuadorian Amazon .

### Keywords

Climate, growth, high, pasture, yield.

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