

# PERFORMANCE OF RUBBER CLONES IN MANAUS - PROGRESS RESEARCH

## REPORT<sup>1</sup>

João Rodrigues de Paiva<sup>2</sup>

Paulo de Souza Gonçalves<sup>2</sup>

Afonso Celso Candeira Valois<sup>3</sup>

This paper summarises the data from a preliminar evaluation of 48 clones (Hevea spp.) in three age group in trials established in 1971, 1978 and 1979 at the National Rubber and Oil Palm Research Center at Manaus, State of Amazonas, Brazil. The materials under test comprised clones of the Fx, IAN, RRIM series and some primary clones. The experimental designs used were complete randomisation, randomized blocks and triple lattice 5 x 5, respectively for the trials put down in 1971, 1978 and 1979, these differing in the number of tree per plot. Evaluation were made for tree characteristics showing vigour and yield. The results showed that Fx 4098, IAN 873 and Fx 3899 clones gave the best yield in the 4<sup>th</sup> year of tapping, Fx 4098 being consistently high in production. Clones IAN 6158, IAN 6121 and AC 53 in the 4<sup>th</sup> year, and IAN 6158, IAN 6543 and PFB 4 in the 5<sup>th</sup> year, showed the best vigour while IAN 4488, Alter do chão, IAC 206, IAN 4493 and IAN 3087 showed the least.

<sup>1</sup> A paper carried out with financial resources provided through a SUDHEVEA/EMBRAPA agreement.

<sup>2</sup> Eng<sup>o</sup> Agr<sup>o</sup> M.Sc. em Genética e Melhoramento de Plantas, Pesquisador do Centro Nacional de Pesquisa de Seringueira e Dendê (CNPDS) - EMBRAPA, Caixa Postal 319, CEP. 69.000 - Manaus, AM.

<sup>3</sup> Eng<sup>o</sup> Agr<sup>o</sup> M.Sc., Ph.D. em Melhoramento Vegetal. Assessor da Diretoria da EMBRAPA.