

IRRIGATION EFFECT ON RUBBER TREE GROWTH IN NURSERY¹José Américo Leite²Benjamin Fernandez Medina³

A three-year experiment was undertaken since 1981 to study the effects of irrigation as well as the interaction irrigation x fertilization (NPKMg) on stem height and diameter of rubber (*Hevea* spp.) nursery. The experiment is being conducted on a yellow latosol from the Rubber and Oil Palm National Research Center. Herein data of the two first years (1981 and 1982) are reported. The results of this study showed that irrigation increased more than fertilization both height and diameter of stem. Responses of plant to the different treatments were in the following order: irrigated with fertilization > irrigated without fertilization > non-irrigated with fertilization > non-irrigated without fertilization. The interaction irrigation x fertilization was not significant for all two years.

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