



RESEARCH ARTICLE

DOI: 10.15740/HAS/IJFCI/7.2/150-156

## Adoption of bamboo cultivation practices and its relationship with the socio-economic characteristics of bamboo growers of Arunachal Pradesh

P. HANDIQUE, P. RETHY AND B.K. DUTTA

**ABSTRACT :** The present study was conducted in Papum pare district of Arunachal Pradesh and selected 160 bamboo growers covering four circle based on elevation. The mean value of adoption score (41.54) is highest in Balijan followed by Kimin (40.26) and lowest in Sagalee circle (35.39). So, the farmers of Balijan circle are much more advanced in adopting the scientific bamboo cultivation practices as compared to other circles. A positive correlation is found in all socio-economic characteristics except age. The co-efficient of multiple determinations explain that all the six variables in overall sample, jointly contributes 53.65 per cent variation in overall adoption score.

**KEY WORDS :** Adoption, Scientific, Bamboo, Relationship

**HOW TO CITE THIS ARTICLE :** Handique, P., Rethy, P. and Dutta, B.K. (2016). Adoption of bamboo cultivation practices and its relationship with the socio-economic characteristics of bamboo growers of Arunachal Pradesh. *Internat. J. Forestry & Crop Improv.*, 7 (2) : 150-156, DOI: 10.15740/HAS/IJFCI/7.2/150-156.

**ARTICLE CHRONICAL :** Received : 15.06.2016; Revised : 05.11.2016; Accepted : 19.11.2016

### MEMBERS OF RESEARCH FORUM

**Address of the Correspondence :** P. HANDIQUE, Krishi Vigyan Kendra (A.A.U.), Garumuria, LAKHIMPUR (ASSAM) INDIA Email: [prodip\\_h@rediffmail.com](mailto:prodip_h@rediffmail.com)

**Address of the Coopted Authors :** P. RETHY, Department of Forestry, North Eastern Regional Institute of Science and Technology, NIRJULI (ARUNACHAL PRADESH) INDIA

**B.K. DUTTA,** Department of Ecology and Environmental Sciences, Assam University, SILCHAR (ASSAM) INDIA