The effect of AM fungus, *Rhizobium* and molybdenum sources to improve nursery seedlings of *Terminalia bellerica* Roxb

KIRAN P. KOLKAR^{1*} AND H.C.LAKSHMAN²

¹Department of Botany, Karnatak Science College, DHARWAD (KARNATKA) INDIA. ² P.G. Department and studies in Botany, (Microbiology Lab.) Karnatak University, DHARWAD (KARNATKA) INDIA.

(Accepted : January, 2008)

Growth response and biomass production was estimeted in *Terminalia bellerica* Roxb. seedlings by the inoculation with VMF, *Rhizobium* and Molybdenum spray. The results revealed an increase in shoot and root length of VMF colonization, number of leaves and the dry weight of shoots were recorded significantly higher over the control plants. Indigenous VAM fungus (*Glomus mosseae*), *Rhzobium* and Molybdenum spray improved the agronomic performance through the increased uptake of nutrients like N, P, K, Mg and Molybdenum.

Key words : Terminalia bellerica, Glomus mosseae, Rhizobium, Molybdenum.