ABSTRACT

Seven turmeric (*Curcuma longa*) varieties were evaluated under irrigated condition for two crop season in the Department of Horticulture Garden. The varieties differed in their production potential and growth characters (Plant height, number of tiller per plant, leaves per tiller, leaf length and leaf breadth). Among varieties tasted, Barua Sagar maximum production of fresh rhizome 33.50 t/ha (2006-07) and 30.25 t/ha (2007-08) and it was at par with the production of Azad Haldi-1 (32.60 t/ha and 29.85 t/ha) during 2006-07, 2007-08, respectively. These two varieties namely Barua Sagar and Azad Haldi-1 were significantly superior to the varieties during all the seasons and are suitable for general cultivation in the area of central Uttar Pradesh.

Key words: Turmeric, Evaluate, Variety, Clump, Rhizome yield