Research Paper

ADVANCE RESEARCH JOURNAL OF
C R P
IMPROVEMENT
Volume 4 | Issue 2 | December, 2013 | 110-112

Production potential of forage maize (*Zea mays* L.) – cowpea (*Vigna unguiculata* L.) intercropping system as influenced by row ratios

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ABSTRACT : A field experiment was conducted during *Kharif* season of 2010 at Main Forage Research Station, Anand Agricultural University, Anand to study the production potential of forage maize-cowpea intercropping system as influenced by row rations. Intercropping of maize and cowpea in 2:1 row ratio recorded significantly higher total (maize + cowpea) green forage (422.92 q /ha) and dry matter yield (98.92 q/ha). Cowpea as an intercrop helped to enhance crude protein content and total crude protein yield of intercropping system. The maximum (5.44 %) crude protein content of maize was achieved with the row ratio of 2 : 1 and this treatment also recorded higher total crude protein yield (7.73 q/ha).

Key Words : Forage, Maize, Cowpea, Row ratios

How to cite this paper : Deore, S.M., Patel, M.R., Patel, P.M., Patel, H.K. and Patel, U.J. (2013). Production potential of forage maize (*Zea mays* L.) – cowpea (*Vigna unguiculata* L.) intercropping system as influenced by row ratios. *Adv. Res. J. Crop Improv.*, **4** (2) : 110-112.

Paper History : Received : 02.09.2013; **Revised :** 25.10.2013; **Accepted :** 13.11.2013