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Assessment of yield and economic potential of Ragi crop variety GPU-28 in Bastar region of Chhattishgarh

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ABSTRACT: Ragi (Finger millet –*Eleusine coracana*) is an important crop of Bastar plateau occupying an area of about 10.35 thousand hectare with productivity of 4.77 q/ha. During three years study (2009, 2010 and 2011) a total of 50 demonstrations were laid out to transfer and refinement of improved technology for livelihood security and uplift the socio-economic condition of farmers. The results showed that on average yield achieved by adoption of improved technology was 27.16 q/ha. Whereas the corresponding yield under farmers practices (F.P.) was 5.88 q/ha. The average cost of cultivation of ragi crop varied from Rs. 5450-5802/ha in I.P. and Rs. 2130-3675/ha in F.P. while net return was ranged Rs. 48598-54350/ha in I.P. and Rs. 5780-6750/ha in F.P. The technology raised the socio-economic standard by upscaling the skill and technology of the cultivation towards traditional cultivation practices to commercial production.

Key Words : Ragi (finger millet-*Eleusine coracana*), technology transfer, yield, net return, demonstration.