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Influence of planting geometry on energetic and economics of urdbean genotypes (*Phaseolus mungo* L.)

S.K. Nagre, D.K. Chandrakar, D.M. Ransing and P.C. Kanwar

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ABSTRACT : A field experiment was carried out at Research Cum Instructional Farm, Indira Gandhi Krishi Vishwavidyalaya, Raipur during *kharif* season of 2013 to study the influence of planting geometry on four genotypes *viz.* KU 96-3 (V_1), Indira Urd Pratham (V_2), IU-02-01 (V_3) and IU-02-03 (V_4) and three planting geometry *viz.* 30 cm x 5 cm (S_1), 30 cm x 10 cm (S_2) and 30 cm x 15 cm (S_3) on energetic and economics of Urdbean. Results revealed that Energetic parameters *viz*. Production rating index, Production efficiency (kg/ha/day), Energy Output:Input ratio and Energy use efficiency (Q MJx10^{-3}/ha) were the highest under Urdbean genotype Indira Urd Pratham (V_2) which ultimately gave highest yield. Among planting geometry 30 cm x 10 cm (S_2) spacing was found to be superior in above energetic parameters than 30 cm x 15 cm (S_3) and 30 cm x 5 cm (S_1) spacing. Similarly in case of Economic parameters *viz.* Gross return (Rs/ha), Net return (Rs/ha) and B:C Ratio were found significantly superior under Urdbean genotype Indira Urd Pratham than other Urdbean genotypes and among planting geometry all above economic parameters were highest in 30 x 10 cm (S_2) planting spacing.

Key Words: Urdbean (*Phaseolus mungo*) genotypes, planting geometry, energegic parameters,yield..