EFFECT OF GROWTH AND NODULATION PATTERN OF URDBEAN (*PHASEOLUS MUNGO* L.) VARIETIES UNDER DIFFERENT AGRO-INPUT MANAGEMENT PRACTICES IN *VERTISOL*

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Abstract: A field experiment was carried out at Raipur during *kharif* season of 2010. Urdbean (*Phaseolus mungo* L.) variety Azad-1 recorded significantly highest plant height, number of branches plant^{-1}, root length and dry biomass, dry matter accumulation, number and dry weight of nodules, number of flowers, number of pods plant^{-1} and pod setting index, grain and stover yield. As regards to different agro-input management practices, application of 100% RDF + FYM 5 t ha^{-1} + NAA 40 ppm + PSB + DAP 2% recorded significantly highest plant height, number of branches plant^{-1}, root length and dry biomass, dry matter accumulation, number and dry weight of nodules, number of flowers, number of pods plant^{-1} and pod setting index, grain and stover yield.

Keywords: Urdbean, Growth, Nodulation, NAA, PSB, DAP

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