



RESEARCH ARTICLE :

Comparative study of BDN 711 with other varieties of pigeonpea

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SUMMARY : The present study was undertaken in rainfed area of Marathwada region of Maharashtra state. Beed district was selected for the purpose of study as a rainfed area, in which Ambajogai and Kaij tehsil has purposively selected. From Ambajogai tehsil three villages namely Jawalgaon, Ghatnandur, Kumbephal and in Kaij tehsil three villages namely, Borisawargon, Bansarola, Jawalban were selected purposively. Minimum five respondents from each village thus comprising of fifty pigeonpea growing farmers were selected by proportionate random sampling method. The sample predominantly comprised of middle aged (36 to 55 years) (58.00%). As regards of education majority of the respondents (52.00 %) were having graduate and above level education. Large majority (90.00 %) were having farming as main occupation with nearly equal percentage (38.00 % and 34.00 %) were in small and semi medium land holding. 88.00 per cent had medium level of annual income, 86.00 per cent had medium level of social participation and 68.00 per cent had medium contacts. With concern to knowledge and information all respondents (100.00 %) were knew BDN 711 variety. 66.00 per cent were purchased seed from farmers. 60.00 per cent were sown BDN 711 and 2.00 per cent were sown ICPH 2740 on irrigated land whereas 42.00 per cent were sown BDN 711 as rainfed crop in *Kharif* 2016. large majority (90.00 %) of the respondents were adopted insecticide, followed by 82.00 per cent were used weedicide and 80.00 per cent were used growth regulator for cultivation of pigeonpea. (78.00 %) had medium (13.61 to 40.64 q) level of productivity and 86.00 per cent had medium level (Rs.1744 to Rs. 1147) of expenditure.

KEY WORDS :

Comparative study,
Pigeonpea, BDN 711

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