



**RESEARCH ARTICLE :**

## Technological gap in pigeonpea production technology in Marathwada region

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**SUMMARY :** The present study was conducted in three tahsil of Parbhani district. The sample of 120 respondents was studied. As regard the profile of respondents, it was observed that majority (67.50%) of the respondents were having middle level of age with an education as high school level (29.16%), the respondents were possessing medium size of land holding (38.35%). Further, it was observed that majority (76.67%) of the respondents were from medium annual income group. 51.76 per cent respondents were from middle social participation group. Further, 56.67 per cent of the respondents were having medium degree of extension contact. Most of the respondents were in the medium use of sources of information (65.00%) and economic motivation category (58.34%). Further 47.50 per cent of the respondents were having medium degree of risk orientation and 61.66 per cent of the respondents had medium level of knowledge. The 67.50 per cent of the respondents were found in medium technological gap group followed by 22.50 and 10.00 per cent respondents in high and low technological gap group, respectively. Correlation co-efficient analysis showed education, land holding, annual income, social participation, extension contact, sources of information, economic motivation, risk orientation and knowledge had negative and highly significant relationship with overall technological gap, whereas age of the respondents had positive and highly significant relationship with overall technological gap.

**KEY WORDS:**

Pigeonpea,  
Production  
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