

**RESEARCH ARTICLE :**

Association between knowledge level of recommended soybean cultivation practices by the farmers and their selected independent variables

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Association between knowledge level of farmers, Independent variables like as age, Caste, Education size of land holding, Family type, Family size

SUMMARY : The present investigation was conducted in Kota region of Rajasthan purposively because this region stands first in area 822329 hectare and production 1197758 tonnes of soybean cultivation among all ten agriculture regions of Rajasthan. Kota region comprises four districts viz., Kota, Baran, Bundi and Jhalawar. Out of these two districts viz., Kota and Jhalawar were selected purposively for this study because of highest area and production. Kota and Jhalawar districts comprise five and seven tehsils, respectively. Out of which two tehsil from Kota (Degod and Ramganj Mandi) and two tehsil from Jhalawar (Khanpur and Manohar Thana) (as per the data of 2014-15) district were selected randomly. Out of these 6 villages were selected from each selected tehsil on the basis of random sampling method. Thus, the total 24 villages, were selected. List of all the soybean cultivators was prepared from each of the selected village, with the help of patwari and agriculture supervisor, eight to twelve farmers were selected by using proportionate random sampling technique as per availability so as to make the sample size 220. The age, education, size of land holding and extension participation were found to be positively and significantly associated with the knowledge level of farmers about recommended soybean cultivation practices. While, the variables like, caste, family type and family size were found to be non-significantly associated with the knowledge level of farmers about recommended soybean cultivation practices.

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