

RELATIONSHIP BETWEEN INDEPENDENT AND DEPENDENT VARIABLES OF RECOMMENDED MAIZE PRODUCTION TECHNOLOGY

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Abstracts: This investigation was carried out in three district of Bastar plateau of Chhattisgarh State to assess the relationship between independent and dependent variables of recommended maize production technology. 270 farmers were considering as respondents for this study. Respondents were interviewed through personal interview. Collected data were analyzed with the help of suitable statistical methods. The analysis of the results showed that relationship between independent and dependent variables of recommended maize production technology, Farming experience, family size, land size, occupation, annual income, irrigation facility, source of information, contact with extension personnel, participation in extension activities, overall marketing, opinion about maize production, risk orientation, scientific orientation and knowledge had significant correlation with adoption of maize, whereas, farming experience, family size, occupation, annual income, irrigation facility, overall marketing, opinion about maize production, risk orientation, scientific orientation, knowledge and land size had significant correlation with productivity of maize.

Keywords: Association, Adoption, Productivity, *Zea mays*

REFERENCES

- Bawa, D.B. and Ani, A.O.** (2014). Analysis of Adoption of Improved Maize Production Technology among Farmers in Southern Borno, Nigeria. *Research on Humanities and Social Sciences*, 4(25): 137-141.
- Chhattisgarh** (2014). Annual statistics report.
- CIMMYT** (2005). Maize in India: production systems, constraints, and research priorities.
- Darandale, A.D. and Soni, N.V.** (2011). Relationship between Attitude of Tribal Maize Growers Towards Organic Farming and Their Selected Characteristics. *Gujarat Journal of Extension Education*, 22: 89.
- Gecho, Yishak and Punjabi, N.K.** (2011). Determination of adoption of improved Maize technology in Damot Gale, Wolaita, Ethiopia. *Raj. J. Ext. Edu.*, 19: 1-9.
- Gupta, Km. Saroj and Gyanpur, S.R.N.** (2012). Sustainability of scientific maize cultivation practice in Uttar Pradesh, India. *Journal of Agricultural Technology*. 8 (3): 1089-1098.
- Langade, D. M., Shahi, J.P., Agrawal, V. K. and Sharma, A.** (2013). Maize as emerging source of oil in india: an overview. *Maydica*, 58(3/4): 224-230.
- R. Cox** (1956). Control of helminthosporium turcicum blight disease of sweet corn in South Florida. *Phytopathology*, 5: 68-70.
- Reddy, T. R., Reddy, P. N., Reddy, R. R. and Reddy, S. S.** (2013). Management of Turcicum leaf blight of maize, caused by Exserohilum Turcicum in maize. *International Journal of scientific and Research publications*, 3(10): 1-4.
- Sharma, K.C., Singh, P. and Panwar, P.** (2012). Association of personal attributes with knowledge and adoption regarding maize production in Bhilwara Rajasthan. *Agriculture Update*, 7(3 & 4): 376-380.
- Willy, V. (Undated)** (2013). Soil plant growth and production Vo. II National Science foundation Flanders and geography department, Belgium: University of Ghent. (accessed on 02/01/2013).

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