



## RESEARCH PAPER

# An economics of crop insurance for notified crops in tribal areas of Gujarat (India)

Arvind Arahant\*, Arvind Kumar, Rajiv Sijariya and Brajesh Tiwari  
Atal Bihari Vajpayee School of Management and Entrepreneurship  
Jawaharlal Nehru University, New Delhi, India

(Email: [aparahant@mail.jnu.ac.in](mailto:aparahant@mail.jnu.ac.in); [kumararvind@mail.jnu.ac.in](mailto:kumararvind@mail.jnu.ac.in); [rajivsijariya@mail.jnu.ac.in](mailto:rajivsijariya@mail.jnu.ac.in); [brajeshtiwari@mail.jnu.ac.in](mailto:brajeshtiwari@mail.jnu.ac.in))

**Abstract :** The study was conducted in Navsari and Dang district as it is one of the important paddy and ragi growing areas of the Gujarat state. This study is based on an analysis of primary and secondary data for the *Kharif* and *Rabi*, 2015 season. A simple random sampling technique was adopted in the selection of farmers based on the crop cutting experiment for estimating yield during the proposed season. The study was conducted in two tehsils of Navsari district namely Vansda and Chikhli and three tehsils of Dang district namely Waghai, Ahwa and Subir. To understand the opinion of the farmers from Navsari and Dang district the sample design is a form based on the number of crop cutting experiments and notified crops from different tehsil of the sample district. The crop cutting experiments were carried out by soil testing laboratory, Vansda, Gujarat. The structured questionnaire will be used for primary data collection. The data was interpreted by working out averages, standard deviation, co-efficient of variation, percentage and ratios and finally, to elicit the opinion of insured and non – insured farmers' percentage method was employed.

**Key Words :** Crop cutting experiments, Crop insurance, Scale of finance, Threshold yield

**View Point Article :** Arahant, Arvind, Kumar, Arvind, Sijariya, Rajiv and Tiwari, Brajesh (2022). An economics of crop insurance for notified crops in tribal areas of Gujarat (India). *Internat. J. agric. Sci.*, 18 (1): 239-248, DOI:10.15740/HAS/IJAS/18.1/239-248. Copyright@ 2022: Hind Agri-Horticultural Society.

**Article History :** Received : 26.08.2021; Revised : 28.09.2021; Accepted : 22.10.2021