



RESEARCH ARTICLE

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## Dealer perception on application and balance use of the different inorganic fertilizer on crop field with respect to their socio-economic variable: A study in Cooch Behar district

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**ABSTRACT :** Inorganic fertilizer contain essential element of plant nutrients. Inorganic fertilizer is environmentally not sustainable and price of this fertilizer continuously increasing. Among the different fertilizer some of the fertilizer may be highly applied in crops field by the farmers. Farmers mainly place their demand to the fertilizer dealer. Fertilizer dealer may sale the fertilizer on their own perspective. So application of the inorganic fertilizer in an area can be analysed if we analysis the socio-economic condition of fertilizer dealer on that particular area. On the basis of above viewpoint Cooch Behar Krishi Vigyan Kendra organized one day awareness programme of fertilizer dealer of Cooch Behar district in eastern zone of India to balance use of inorganic fertilizer and a study was conducted on balance use of inorganic fertilizer with respect some socio-economic variable of fertilizer dealer. The study was conducted during February, 2016. The research design was followed in the study was survey research method. The respondents for this study included from the Cooch Behar district. The entire trainees available at the time of awareness programme were considered as respondents. Semi-structure interview schedule were used for collection of data. The sample size for the study was 50. The dependent variable of this study was balance use of inorganic fertilizer and independent variables were age, occupation, education, land holding, religion, family member and number of year associated with their occupation. The descriptive statistics like frequency, percentage and other statistical tools were used for the investigation.

**KEY WORDS :** Inorganic, Awareness, Sustainable, Socio-economic, Trainees, Fertilizer

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