

Abstract

The main objective of this study was to determine the factor which affecting the production of turmeric and predict the production of turmeric by checking overall significance of all variables. For this particular study, secondary data is used taking from an Agriculture department, Government of Punjab, "Crop Reporting Services", (CRS) Lahore. Data has been collected from district of Punjab of the Pakistan i-e Kasur. Study period is 2009-2012. There are seventeen variables used in this study. One is dependent variable and explanatory variables are sixteen, including eight categorical and eight quantitative variables. There are 312 cases. Production of turmeric (kg) is used as dependent variable and some factor affecting the production are used as explanatory variables. Statistical technique of Multiple Linear Regression, ANOVA and Descriptive study have been carried out. Out of sixteen variables Cut date (March 2nd half), Sowing date (April 1st half), Sowing date(March 1st half), Sowing date (June 2nd half), Urea, Other fertilizer, Irrigation mode(Mix), Number of plough, Number of level, Disease and Spray have been identified to be significant.