SUMMARY

The crops such as Wheat, Rice and Cotton are the major crops of Pakistan which play an important role in the economy of Pakistan. To predict the production of these crops the Crop Reporting Service Department of Agriculture estimates the production of these crops. This study is aimed to fit suitable forecast models for the production of these crops considering a number of predictor variables. The forecast model for the production of Wheat includes, price, area, number of tubewells and number of tractors as predictor variables. For the production of Rice, the forecast model includes area, price and fertilizers as predictors whereas only predictor for the production of Cotton is the area. Surprisingly the price (local) is not the predictor for the cotton production. The forecast models for the production of respective crops are the best fitted model based on the available data.