

## **ABSTRACT**

Prediction of onion price has a pronounced impact on the economy of Pakistan. This research is an attempt to develop an econometric model for price prediction of onion yield. The main / prime objective of the study is to build an econometric model for the sake of prediction of onion price using different surveyed variables incorporated effectively in an operational model. Also a detailed descriptive study of the crop is to be carried out to flash various dimensions of the crop. For this purpose a secondary data has been used for this analysis. Eleven years data has been taken from different departments. Multiple Linear Regression technique has been used to reach the final suitable effective model for onion price projection and four variables are significant. A statistical model has been made which can predict the price of onion. A descriptive study of all the parameters of onion is helpful in making different recommendations to farmers regarding the various inputs of the crop for betterment in the projection of onion prices. A practical example has been used to check the validity of the model for predicting the price of onion.