

ESTIMATE THE DEMAND FOR HYBRID COTTON SEEDS IN NORTH KARNATAKA

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Abstract: Seed is a very vital input and dynamic instrument for increasing agricultural production. It has been one of the miraculous inputs responsible for green revolution in India and elsewhere. A multistage random sampling was adopted as appropriate sampling procedure for the study. As the research study focuses on the aspect such as estimating demand of hybrid cotton seeds in North Karnataka the secondary data required for the study was collected from the publications sources of the Department of Agriculture, Districts Statistical Office (DSO), Directorate of Economics and Statistics (DES), Ministry of Agriculture, Ministry of Communication & IT, Government of India and other related departments. To estimate the demand for hybrid cotton seeds ARIMA technique was used for the study. Projected demand for hybrid cotton seeds in Dharwad and Haveri district were expected to be decrease from 66664.23 kgs in 2014-15 to 53129.65kgs in 2019-20 in Dharwad district, and in Haveri district is expected to be decrease from 71876.5 kgs in 2014-15 to 64905.20 kgs in 2019-20. This is due to decrease in the cotton area and lack of assured and remunerable price and it's a result that area switching over to other commercial crops.

Keywords: ARIMA, Demand, Hybrid cotton, Seed

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