

“TEMPORAL SHIFT OF BYADGI CHILLI AREA IN THE DHARWAD AND HAVERI DISTRICTS OF KARNATAKA AND FINDING OUT THE REASONS”

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ABSTRACT

Byadgi chilli is a famous variety of chilli mainly grown in Karnataka named after the town Byadgi which is located in the Haveri district. Farmers in Dharwad and Haveri district area are shifting from red chilli to cotton production. Red chilli area in Dharwad district has decreased from 129868 ha during 1998-99 to 52694 ha during 2009-10 and meanwhile the cotton acreage has increased. The area of cotton in 2003-04 was 518900 ha which had touched 710000 ha in 2008-09. From last ten years the chilli area in these district have been coming down with CAGR of -2.82% in Dharwad district and CAGR of 1.57% in Haveri district and the reasons were analyzed through Garrett's ranking and loss of soil fertility got the first rank with highest Garrett's score (71.58) because the applying more chemical fertilizers in the fields, pest and diseases outbreak got the second rank with the Garrett's score of 56.41 because the affect of Muruda Complex. Even though the nabouring districts like Ballari and Gadag farmers are growing the chillies in the large scale in the irrigation condition but the original quality of the original Byadgi chilli is not seen in those chillis.

KEYWORDS: *Byadgi Chilli, Area Shifting, Growth Rate, Muruda Complex and Soil Fertility*

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