JOURNAL OF AGRICULTURAL PHYSICS

Vol. 6 No. 1 2006



Indian Society of Agrophysics

Division of Agricultural Physics Indian Agricultural Research Institute New Delhi - 110 012

Journal of Agricultural Physics

Vol. 6 No. 1 2006

CONTENTS

	CONTENTS	
1.	Contribution of Upward Flux From Shallow Ground Water Table to Crop Water Use in Major Soil Groups of Orissa – RAVENDER SINGH, D.K. KUNDU AND V.K. TRIPATHI	1
2.	Performance of Cropsyst Model in Rice-Wheat Cropping System – S.K. JALOTA, G.B. SINGH, S.S. RAY, ANIL SOOD AND SUSHMA PANIGRAHY	7
3.	Water Retention and Transmission Characteristics of two Alfisols and an Inceptisol of Orissa – RAVENDER SINGH, D.K. KUNDU AND V.K. TRIPATHI	14
4.	Effect of Possible Futuristic Climate Change Scenarios on Productivity of Some <i>kharif</i> and <i>rabi</i> Crops in the Central Agroclimatic Zone of Punjab – PRABHJYOT-KAUR AND S.S. HUNDAL	21
5.	Inventory of Two Decades for Glaciers and Glacial Lakes in Satluj River Basin of Himachal Pradesh – RANBIR SINGH RANA, R.M. BHAGAT, VAIBAV KALIA AND CHITRA SOOD	28
6.	Impact of Meteorlogical Parameters on Population Build up of Red Spider Mite in okra, <i>Abelmoschus esculentus</i> L. under North Bhiar condition – S.K. MANDAL, ABDUS SATTAR AND SAON BANERJEE	35
7.	Annual and seasonal climatic variabilities at Ludhiana, Punjab – PRABHJYOT-KAUR, HARPREET SINGH AND S.S. HUNDAL	39
8.	Early Prediction of Wheat Yield in South-Western Punjab Sown by Different Planting Methods, Irrigation Schedule and Water Quality Using the CERES Model – G.S. BUTTAR, S.K. JALOTA, R.K. MAHEY AND NAVNEET AGGARWAL	46