

Dr. D. K. Sharma, Director: A Profile

Dr. D.K.Sharma, Head, CSSRI-Regional Research Station, Lucknow assumed the charge of Director, CSSRI, Karnal on October 21, 2010. Dr. Sharma, Ph.D. from G. B. Pant University of Agricultural & Technology, Pantnagar, was selected as a scientist in ARS 1978 batch. Since then, he has been associated with CSSRI in various positions such as Scientist, Senior Scientist and Principal Scientist. In 2001, he was selected as Head, CSSRI-Regional Research Station, Lucknow. As Founder Head, he established and facilitated the station, supervised and monitored the research on reclamation and management of sodic soils in Uttar Pradesh. Considering his contribution to the building-up of the station, he was once again selected as Head of RRS in 2007. Dr. Sharma, in his 32 years long career has been associated in activities related to management of salt affected soils, water management in irrigation commands and use of saline ground water. He developed crop coefficients for important food, forage and oilseed crops. This information would go a long way in irrigation planning to manage precious water resource at farm and regional levels. At RRS, Lucknow, he conceptualized and demonstrated an Integrated Farming System (IFS) model with appropriate components of arable, vegetable, horticulture and fish farming to ensure regular income besides ensuring food and nutritional security at household level. He has developed crop production technologies for salt-affected soils through and organic & inorganic fertilizers. His contributions to minimize cost of reclamation through resource conservation strategies in sodic land and participatory varietal selection for salt tolerant varieties have paved the way for sustainable reclamation of salt-affected soils. His contributions on use of poor quality sodic water through conjunctive use mode have proved environmentally safe and viable. He has critically examined the causes of falling ground water in rice-wheat growing areas and gave agronomic solutions and recommended policy interventions to save ground water. He has handled various externally funded research projects of international organizations such as IRRI, Philippines and Germany and national organizations such as INCID, MoWR, New Delhi, UPBSN, Lucknow and UPCAR, Lucknow.



Dr. Sharma traveled widely being the visiting scientist of University of California, Davis, USA, Wageningen Agriculture University, Wageningen, The Netherlands, University of Sussex, U.K. and IRRI, Philippines. He is credited with more than 109 research papers including 22 in international

journals of repute. He has been honoured with FAO fellowship. Dr. Sharma, a Fellow of the Indian Society of Water Resource, Roorkee has been recognized with a Certificate of Excellence by K. R. Singh Education Society, Unnao, Uttar Pradesh. Dr. Sharma, currently the President of the Indian Society of Soil Salinity and Water Quality has earlier served as Councilor, Indian Society of Water Management, New Delhi.