

## CV

### KUNWAR HARENDRA SINGH

Dr. Singh completed graduation and Masters from Chandra Shekhar Azad University of Agriculture and Technology, Kanpur in 1987 and 1990, respectively and obtained Doctorate in plant breeding from G.B. Pant University of Agriculture and Technology, Pantnagar in 1995. He joined ARS as Scientist in January 1997 at ICAR-DRMR, Bharatpur and worked for more than 25 years in Oilseed Brassica Improvement. His involvement in heterosis breeding, genetic resource management, seed production, DUS testing, marker assisted breeding and quality improvement of Oilseed Brassica resulted in the development of nine varieties/ hybrid of rapeseed-mustard including first mustard hybrid NRCHB506 and popular varieties– NRCHB101, Giriraj, Brijraj of *Brassica juncea* and NRCYS 05-2 of yellow sarson (*Brassica rapa* L.) and 18 genetic stocks possessing resistance/ tolerance against different biotic and abiotic stresses. He led All India Coordinated Research Project on Rapeseed-Mustard as In-charge, Project Coordination Cell and Principal Investigator, Plant Breeding for more than a decade. He has to his credit 164 publications including research papers, books, technical bulletins, abstracts in seminar/symposium, and annual reports. His contributions in hybrid development in *Brassica juncea* are widely acclaimed. He also worked on genetics of host-pathogen interaction of white rust in Indian mustard at Rothamsted Research, UK and participated in International training programme on plant variety protection and DUS Testing at NIAB Cambridge, UK. He has been awarded Rajiv Gandhi National Award for original book writing in Hindi on Gyan Vigyan for the year 2013 from Ministry of Home Affairs, Govt. of India; Dr. P.R. Kumar Outstanding Brassica Researcher Award 2019; Recognition award (2008) by Lupin Human Welfare and Research Foundation (NGO); Best scientist Award by ICAR-DRMR, Bharatpur (2012 and 2019). One Indian Mustard Variety, “NRCHB101” developed by him was recognized as landmark variety of Indian mustard by Indian Society of Genetics and Plant Breeding in 2019. He is a fellow of National Academy of Agricultural Sciences (2019), Society for Rapeseed-Mustard Research, Bharatpur (2011), Indian Society of Genetics and Plant Breeding New Delhi, India (1999).

