

Dr. Sanjay Singh

**Director General, U.P. Council of Agricultural Research,
Lucknow**



Dr. Sanjay Singh, renowned agricultural scientist has been appointed as Director General, U.P. Council of Agricultural Research, Lucknow on 29 October, 2021. Born in village Tajipur, Mau, Uttar Pradesh on 16 July, 1966, Dr. Sanjay graduated from N.D. University of Agriculture and Technology, Kumarganj, Faizabad in 1988, obtained Master's in 1990 and Ph.D. degree in 1994 in Genetics and Plant Breeding from N.D. University of Agriculture and Technology, Kumarganj, Faizabad.

Prior to this, Dr. Sanjay served as Principal Scientist, ICAR-National Research Centre on Plant Biotechnology, New Delhi. He also worked in various capacities as Senior Scientist, Division of Crop Improvement, Regional Rainfed Lowland Rice Research Station Garua Assam under CRRI, Cuttack (ICAR) and Senior Scientist & Principal Scientist, Indian Agricultural Research Institute, New Delhi.

Dr. Sanjay Singh has authored one book and published 77 Research Papers in National and International Journals. He is recipient of several reputed awards/honours, among them some important are Eminent Scientist Award (2014), Team Research Award of Indian Institute of Wheat and Barley, Karnal, Haryana (2020), Best Extension Worker Award of IARI (2012).

Some of Research Highlights of Dr. Sanjay Singh are as follows:-

- **29 Rice Varieties** released Jalpusp, Narayani, CR Dhan-500, Jalamani, Jayanti (**Deep Water**), NDR 993077, Sumit, Reeta, CR Dhan-400, NDR 990111, NDR 9830132 (**Shallow lowland**), Sawrna sub 1, Sabha Mashuri sub1, IR 64 Sub1(**Submergence Condition**), Satyabhama, Payri, CR Dhan 201, CR Dhan 202, CR Dhan 203 (**Drought and aerobic condition**), NDR 8002, Mayank, CR Dhan-300, NDR 930017 (**Long five grain non-basmati**), CR Dhan-2, CR Dhan-601, Chandan, Chandrama (**Cold and heat tolerance**), Luna Sampat, Luna Suvarna (**Costal saline**).
- **03 Wheat Varieties released HD3237** (normal sowing for two irrigation), **HD 3271** (Very Late Sown Condition), **3249** (Normal sowing).
- Generated revenue of Rs. 428.58 lakh from breeder of 14 rice varieties from 2016 to 2019
- Varietal Development for rainfed lowlands with special emphasis on deep water and flood prone areas.

- Incorporation of submergence tolerant gene “Sub 1” into popular lowland varieties through MAS.
- Breeding and Genetics for stem borer tolerance using molecular as well as conventional approaches.
- Varietals improvement for rainfed lowlands with special emphasis on drought prone areas.
- Varietals improvement for bacterial blight and blast resistance using molecular as well as conventional approaches.
- Identification of new rice genotypes tolerance to cold and heat.
- Identification of new genotypes tolerance to saline for costal area.
- Quality seed production of breeder and certified seed of Rice and wheat varieties.
- Post Doctoral Research Fellowship has been completed at International Rice Research Institute, Philippines (2001).
- Visited several Asian countries.

Dr. Sanjay Singh is Fellow of Applied Zoologists Research Association, CRRI, Cuttack; Bioved Research Society of Bioved Research Institute of Agriculture and Technology, Allahabad; National Environmental Science Academy; Indian Society of Genetics and Plant Breeding, New Delhi. He was conferred on honour of Secretary, Indian Society of Genetics and Plant Breeding, New Delhi and Treasurer, Indian Society of Genetics and Plant Breeding, New Delhi.