



Dr. Salej Sood

Dr. Salej Sood is a Senior Scientist, Plant Breeding & Genetics in the division of Crop Improvement & Seed Technology, ICAR-Central Potato Research Institute, Shimla, HP, India. Having worked with industry and the public sector for 17 years in the field of Plant Breeding after doing his PhD, he has delivered in the development of desired varieties and technologies in potatoes, minor millets and potential crops in India. He has eight millet varieties, two potato varieties and eight genetic stocks to his credit. He has worked in interdisciplinary teams and used both conventional and molecular tools for the genetic improvement of crops. His area of expertise is plant breeding methods, marker-assisted selection, genome-wide association studies and genomic selection. He has good experience in germplasm characterization and evaluation, field experimentation, G×E interaction studies, statistical methods in plant breeding, breeding methods, handling clonal generations, varietal development, development of mapping populations and association mapping panels. He has handled five externally funded projects and has more than 70 peer-reviewed publications in journals of repute. He has done his post-doctoral research work on genomic selection at La Trobe University, Melbourne, Australia, received National Academy of Agricultural Sciences, India associateship in 2019, Endeavour Research Fellowship in 2018, the fellowship of the Indian Society of Genetics and Plant Breeding in 2021 and several other Institutional and societies research awards.