



Dr. Babita Chaudhary

(born February 4, 1975)

Principal Scientist (Plant Breeding), Division of Crop Improvement, ICAR-Central Potato Research Institute, Regional Station, Modipuram, Meerut-250 110 (UP), E-mail address: babchaudhary4@gmail.com, babita.chaudhary@icar.gov.in. Dr Chaudhary obtained her doctoral degree in Botany (Plant Breeding) from Kumaon University, Nainital, Uttarakhand and ICAR-Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora. She started her career as a Research Associate at ICAR-VPKAS, Almora and Indian Agricultural Research Institute, New Delhi from 2000-2010. Later, She Joined as Senior Scientist at ICAR-Sunnhemp Research Station, Pratapgarh, UP in 2010 and served upto 7th May, 2015. She developed 5 varieties of fibre, including India's 1st Flax variety, 3 Sunnhemp and 1 Mesta variety. Flax variety Tiara was also commercialized in progress through non-exclusive licensing. She joined ICAR-Central Potato Research Institute, Regional Station, Modipuram, Meerut, UP on dated 8th May, 2015. She was also involved in the development of six potato varieties, namely, Kufri Kiran, Kufri Bhaskar, Kufri Tejas (Heat tolerant), Kufri Lohit, Kufri Ratan (Red peel) and Kufri Jamunia (Biofortified). Besides, she also registered five elite germplasm lines to her credit. Presently, she is associated in 3 different in-house projects on bio-fortified, heat stress, diploid breeding and two externally funded projects on processing & DUS test of potato.

She is recipient of many awards including 'Scientist of the Year Award' 2013 society of Biological Sciences and Rural Development, Allahabad, 'Young Scientist Associate Award' 2014 Bioved Society, Allahabad, Felicitated in the field of Agriculture by Uttar Pradesh Council of Science and Technology 2014, 'Best young scientist award' 2016 Academic Research Journals (India), 'Women empowerment' award 2021 by Society of Biological sciences and Rural Development, Allahabad, 'Outstanding Horticultural Scientist Award' -2022 by the Society for Horticultural Research and Development, Ghaziabad, 'Women Scientist Award' 2023 for contribution in the field of Plant Breeding, 'Women Scientist Award' 2023 for outstanding contribution in the field of Genetics and Plant Breeding by the Gujarat Natural Farming and Science University, Anand 'Honorary Fellowship Award' 2025 in the field of plant breeding by Society of Biological sciences and Rural Development, Allahabad. She published over 190 publications, including 45 research papers, 38 popular articles, 16 Technical bulletins / Leaflet / Folders/newsletters, 27 book chapters, 1 book authored, 6 books edited, 3 training manuals and 57 abstracts. Presently, she is member of ten professional societies.