

Resume

NAME: Dr. Narinder Panotra, Ph.D.

DESIGNATION: Assistant Professor (Agronomy)

Sher-E-Kashmir University of Agricultural Sciences and Technology-Jammu,

Chattha, Jammu 180009, Jammu and Kashmir, INDIA

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RESEARCH INTERESTS: Organic & Natural Farming, Biochemical analysis of cereals and Molecular Breeding in Cereal crops

SUMMARY

- Teaching, Research and Extension experience of more than 14 years with expertise in works like Crop & Nutrient Management, Cropping System, Organic & Natural Farming, Weed management etc
- Developed new technologies like Transplanting wheat, Organic Basmati based cropping systems, Organic Weed management, Organic nutrient management under SRI conditions, System of Wheat Intensification under organic conditions and Standardized Black Wheat cultivation under organic conditions etc
- Contributed in the development and release of 03 varieties of different crops namely Jammu Basmati 138 (Rice), SJPC-1 (Maize) and JAUM0936 (Moong)
- Administrative experience established Product and Variety Testing Cell as Incharge. Setting up the Organic Farming Research Centre and Project Monitoring and Evaluation Cell of the University under Directorate of Research. Contributed in establishment of **04** no. of Krishi Vigyan Kendras viz. KVK Budgam, KVK Anantnag, KVK Nyoma (Leh) and KVK Shopian at SKUAST-Kashmir and also fully involved in establishment of **02** Krishi Vigyan Kendras viz. KVK Ramban and KVK Kishtwar, as well as in identification of land and other activities related to setting up of KVKs at Udhampur and Basohli. Assisted in the design and development of Mobile Diagnostics Van of Directorate of Extension, SKUAST-Kashmir.

EDUCATION:

- Ph.D. (Agronomy)

- **M. Sc. Thesis:** "Effect of Nitrogen and Phosphorus levels on growth and yield in Indian Mustard"
- **Ph. D. Thesis:** "Studies on weed management in winter French bean and after effect on fodder sorghum"

PROJECTS/GRANTS (External Funding Research Projects) (as PI)

S. No	Title of project	Funding agency	Sanctioned budget (Lakh)	Project duration (Dates)		Working as PI/Co-PI
				From	to	
1.	All India Coordinated Wheat and Barley Improvement Project	IWR, Karnal	0.20/year	2013	2016	PI
2.	Entrepreneurship development in organic farming for sustainable livelihood security of small & marginal farmers	RKVY	15.05	2016	2019	PI
3.	Demonstrations and Trainings on round the year fodder production for promotion of Dairy Farming Enterprise	RKVY	9.07	2020	2022	PI

(External Funding Research Projects) (as Co-PI)

S. No	Title of project	Funding agency	Sanctioned budget (Lakh)	Project duration (Dates)		Working as PI/Co-PI
				From	to	
4.	Development of Organic Production Package for Field Crops	RKVY	37.50	2015	2018	Co-PI
5.	Critical analysis of quality of Post-graduate Research in Agricultural Education System	ICAR-Education (Extra Mural Project)	5.50	2016	2018	Co-PI
6.	Composting Technology for Farm Waste Management, Nutrient Recycling and Entrepreneurship	RKVY	17.50	2016	2020	Co-PI
7.	Creation of Seed Hub for increasing indigenous production of pulses in India	Ministry of Agriculture and Farmers Welfare (NFSM-Cell), New Delhi	150.00	2016	2020	Co-PI
8.	International Chickpea Ascochyta Blight Nursery (IABN)	ICRISAT, Telangana, India	01.00/year	2017	2022	Co-PI
9.	Screening of Lines For Resistance to <i>Ascochyta</i> Blight (Ab) in Chickpea Under Organic Condition (ICRISAT)	ICRISAT, Telangana, India	01.00/year	2017	2022	Co-PI
10.	Large Scale demonstration on bio-pesticides for eco-friendly management of high value crops	RKVY	17.20	2017	2020	Co-PI
11.	Dissemination of Plant Protection Technologies for Organic Vegetable Production	RKVY	15.10	2019	2022	Co-PI
12.	Commercial sustainable flower production in Jammu province	RKVY	10.75	2017	2020	Co-PI
13.	Institutional Development Plan- Strengthening Institutional Capacities for delivering competent skilled professionals	NAHEP-ICAR, New Delhi	625.00	2021	On going	Co-PI
14.	Evaluation of NIMITZ in seed potato crop	ADAMA India, Hyderabad	9.08	2021	On going	Co-PI
15.	Economic Analysis of Marketing of vegetables	NABARD	3.00	2019	On-going	Co-PI

16.	Institutional Development Plan- Strengthening Institutional Capacities for delivering competent skilled professionals	NAHEP-ICAR, New Delhi	625.00	2021	On going	Co-PI
17.	Strengthening/Modernization of University Farm at Chatha	NABARD	810.53	2022	On-going	Co-PI
18.	Innovative Extension Approaches for Revitalizing Agriculture in J&K	J&K Govt	46300.00	2022	On-going	Co-PI
19.	Alternate Agriculture System for sustainability	J&K Govt	5665.00	2022	On-going	Co-PI
20.	Documentation Revival and Upscaling of Indigenous Knowledge Systems for Scientific development in Pir Panjal and Shivalik ranges of J&K UT	DST, New Delhi	74.00	2022	On-going	Co-PI
21.	Establishment of Research and development centre of Basmati Rice at SKUAST-Jammu	NABARD	1106.05	2023	On-going	Co-PI

Best Ten Publications

- **Panotra Narinder**, Singh O.P., Kumar Ashwani 2012 Effect of chemical and mechanical weed management on yield of French bean–sorghum cropping system. Indian Journal of weed Science **44** (3) 163-166
- Sandeep Kumar, Javeed Ahmad Wani, **Narinder Panotra***, Bilal Ahmad Lone, Sameera Qayoom and Asma Fayaz 2017 Effect of phosphorus and sulphur on nutrient and amino acids content of soybean [*Glycine max* (L.) Merrill] under 'Eutrochrepts', Legume Research, (2017) Vol. 40 (4) 716-720
- **Narinder Panotra**, Amitesh Sharma, M. Iqbal Jeelani Bhat and Rohit Sharma, 2018 Principal Component Analysis of Yield characteristics of wheat (*Triticum aestivum* L. emend Fiori & Paol) in intermediate zone of Jammu and Kashmir International Journal of Chemical Studies; 6(3): 320-325
- **Narinder Panotra**, JP Sharma, Vikas Sharma, Anil Bhat and S K Singh 2021 Effect of different crop establishment methods and organic nutrient sources on growth and productivity Organic Basmati rice in Jammu region. International Journal of Ecology and Environmental Sciences, Volume 3; Issue 1; 2021; Page No. 369-371
- **Narinder Panotra**, Vikas Shamra, Anil Bhat and Lakshmi Kant Sharma 2021 Cost and Return Analysis of Organic Crops for Sustainable Livelihood Security of Small & Marginal Farmers Biological Forum – An International Journal 13(1): 243-247(2021)
- **Narinder Panotra**, Vinod Gupta, Rohit Sharma and Ashwani Kumar Factors Affecting Adoption of Maize Cultivation Practices in Rajouri District of Jammu and Kashmir, India International Journal of Current Microbiology and Applied Sciences Volume 8 Number 09 (2019)
- **Narinder Panotra**, Rohit Shamra and Anil Bhat 2022 Evaluation of wheat (*Triticum aestivum* L.) genotypes under irrigated and rainfed conditions in intermediate zone of Jammu and Kashmir Annals of Plant and Soil Research 24(1): 137-140 2022 Annals of Forest Research 65(1): 2405-2414, 2022
- **Narinder Panotra**, Vikas Sharma, Romesh Kumar Salgotra, Amrisha Vaid, Vinod Gupta, Anil Bhat, Rohit Sharma and Vishal Raina 2022 Studies on organic weed management practices in Chickpea (*Cicer arietinum* L.) under sub tropical agro climatic conditions of Union Territory of Jammu and Kashmir
- **Narinder Panotra**, Vikas Sharma, Jyoti Sharma, Bhat MIJ and Romesh Kumar Salgotra 2022 Transplanting wheat (*Triticum aestivum* L.) ecosystem under organic condition a new paradigm of crop establishment Agricultural Mechanization in Asia Volume 53, Issue 11, November, 2022

- **Narinder Panotra**, Romesh Kumar Salgotra, Vikas Sharma, Amrish Vaid, Vinod Gupta, Anil Bhat, Magdeshwar Sharma and Vishal Sharma 2022 Effect of age of seedlings and varieties on growth and yield parameters of transplanted wheat (*Triticum aestivum* L.) in irrigated sub-tropics of Jammu Agricultural Mechanization in Asia Volume 53, Issue 12, December, 2022.