



**Name:Dr. Vedna Kumari**

Designation:Principal Scientist & Head (Genetics and Plant Breeding)

Department: Genetics and Plant Breeding, College of Agriculture,

CSK HPKV, Palampur (HP)-176 062

Email:[drvedna@hillagric.ac.in](mailto:drvedna@hillagric.ac.in), [vednadr@gmail.com](mailto:vednadr@gmail.com)

Mobile No. 94181-12681

**Field of Specialization and Research interest:** Genetics and Plant Breeding (soybean, sesame and rapeseed-mustard breeding)

**Educational Qualification:** Ph. D. Genetics (specialization in Plant Breeding)

**Employment Record**

Designation	Organization	Professional Experience
Head	CSKH.P.Agri.University,Palampur(H.P.)	March 1, 2024 till date
Principal Scientist	CSKH.P.Agri.University,Palampur(H.P.)	March 4, 2011 to February 29, 2024
Associate Professor	CSKH.P.Agri.University,Palampur(H.P.)	July 28, 2005 to March 3, 2011
Assistant Professor	CSKH.P.Agri.University,Palampur(H.P.)	March 4, 1996 to July 27, 2005
DST Fellow	CSKH.P.Agri.University,Palampur(H.P.)	April 1, 1994 to March 3, 1996

**Research Projects handled**

As PI: 8

As Co-PI: 6

**Research Publications:** Total publications published in journals =85 (Approx.)

**Five best publications in last 5 years**

1. Ramalingam J, Alagarasan G, Savitha P, Lydia K, Pothiraj G, Vijayakumar E, Sudhagar R, Singh A, **Kumari V** and Vanniarajan C. Improved host-plant resistance to *Phytophthora* rot and powdery mildew in soybean (*Glycine max* (L.) Merr.). Scientific Reports (<https://doi.org/10.1038/S41598-020-70702-X>) (**NAAS rating:10.60**)
2. Vennampally N, Bhartiya A, Singh CP, Devi HN, Deshmukh MP, Verghese P, Singh K, **Kumari V**, Shivakumar, Giriraj M, KumawatM, RatnaparkheB, Satpute GK, Vangala R, Chandra S, Ramteke RK, Khandekar N and Gupta S. 2021. WAASB based stability analysis and simultaneous selection for grain yield and early maturity in soybean. Agronomy Journal (<https://doi.org/10.1002/agj2.20750>)(**NAAS rating: 8.10**)
3. **Kumari V**, Thakur R, Kumari J, Kumari A and Khajuria D. 2023.Nutritional improvement in soybean (*Glycine max* (L.) Merrill) through plant breeding and biotechnological interventions. Crop & Pasture Science 75, CP23155(doi:10.1071/CP23155)(**NAAS rating: 7.90**)
4. Nataraj V, Gupta S, Singh KH, Shivakumar M, Satpute GK, **Kumari V**and Devi HN. 2023. Multi-trait selection for mean performance and stabilityamong soybean genotypes evaluated under rainfed conditionsacross diverse environments in India. Genetika 5: 913-928(<https://doi.org/10.2298/GENSR2303913N>)(**NAAS rating: 7.50**)
5. Bhartiya A, Aditya JP, **Kumari V**, Kishore N, Purwar JP, Agrawal A, Kant L. and Pattanayak A. 2018. Stability analysis of soybean [*Glycine max* (L.) Merrill] genotypes under multi-environments rainfed condition of North Western Himalayan hills. Indian Journal of Genetics and Plant Breeding 78(3):342-347 (**NAAS rating: 7.00**)

**Books published/Books Chapters/Manuals (Teaching/Trainings)**

Book Chapters = 2; Manual= 1; Booklet = 1

**Conference/Seminar/Symposium papers**

30 (Approx.)

**Extension activity including Popular articles/pamphlets/leaflets**

Extension articles:25

**Students Guided**

**M.Sc.** =10 (completed) + 5 (continuing)

**Ph.D.** = 3 (completed) + 4 (continuing)

**Awards/Fellowships**

1. Received a ‘Certificate of Appreciation’ from the Director of Research, CSKHHPKV, Palampur during 1994-96
2. Received ‘Reviewer Excellence Award’ in recognition of significant contribution in ‘Indian Journal of Agricultural Research’ & ‘Legume Research during 2016-17
3. Received ‘Best Poster Presentation Award (2nd prize)’ during 3rd National *Brassica* Conference ‘Enhancing Oilseed *Brassica* Production through Climate-Smart Technologies’ held w.e.f. February 16-18, 2017 at IARI, New Delhi (one of the author)
4. Received ‘Fellow of Society for Rapeseed-Mustard Research (FSRMR) Award’ in recognition of the significant contribution towards the advancement of rapeseed-mustard research and development, during 3rd National *Brassica* Conference ‘Enhancing Oilseed *Brassica* Production through Climate-Smart Technologies’ held w.e.f. February 16-18, 2017 at IARI, New Delhi
5. ‘Fellow of Indian Society of Genetics & Plant Breeding’, IARI, New Delhi.

**International exposure/Visits abroad**

- Visited Iowa State University of Science and Technology, Ames IA, USA for 45 days training on ‘Genome Editing in Soybean’ w.e.f. August 15, 2023 to September 29, 2023

**Miscellaneous achievements/activities**

Varieties released:

As **Leader:**

Karan Rai (1), *Gobhi sarson*(1), *Brown sarson* (1) and Soybean (1)

As **Co-Leader:**

Soybean (3), Indian mustard (1)