

**Proforma for information to be provided by the Teaching/Academic/Research Staff**

Employee No...17908.....

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1. Name : VINEETA SINGH
2. Designation : Assistant Professor
3. Academic Qualifications: Ph.D. (Plant Pathology)

Sr.	Degree	Institution	Year
1.	Ph.D. Plant Pathology	GBPUA&T, Pantnagar	2001
2.	M.Sc. (Ag.) Plant Pathology	GBPUA&T, Pantnagar	1998
3.	B.Sc. (Hons.) Ag.&.A.H.	GBPUA&T, Pantnagar	1996

**4. Area of Specialization : (brief writeup)**

1. Analysis of genetic variability and population biology, of the pathogen *Rhizoctonia solani* causing sheath blight disease of rice using molecular markers. 2. Tagging of gene(s) of economic importance in crop plants using molecular markers including rice, chilli and mungbean.

5. Contact Information : Mobile: 9415890371

**6. Projects Undertaken as PI/Co PI: Co-PI in the ICAR sponsored project entitled 'Outreach Programme on Diagnosis and Management of Leaf Spot Diseases of Field and Horticultural Crops'**

**7. Awards/Recognitions if any :**

**1. Young Scientist Award (2009)** by Bioved Research Society, Allahabad.

**2. Young Scientist Award (2004)** by Council of Science & Technology (U.P.).

**3. Dr. P.R. Verma award for Best Ph.D. Thesis** by the Indian Society of Mycology and Plant Pathology for her outstanding Ph.D. thesis work on genetic variability of rice sheath blight pathogen *Rhizoctonia solani* Khun.

**8. List of major Publications : (in order of importance)**

**1.** Sanjeet Kumar, **Vineeta Singh**, Major Singh, Shubha Rai, Sanjeev Kumar, Sunil Kumar Rai and Mathura Rai. 2007. Genetics and distribution of fertility restoration associated RAPD markers in inbreds of pepper (*Capsicum annuum* L.). *Scientia Horticulturae* 111: 197-202.

2. Namrata Singh, Major Singh, Sanjeet Kumar, Rajesh Kumar, **Vineeta Singh**, H.C. Prasanna and Mathura Rai. 2007. RAPD markers for hybrid seed purity testing in tomato (*Solanum lycopersicum* L.). *Current Science* 93:462-463
3. **Singh Vineeta**. 2009. Genetic diversity in *Rhizoctonia solani* isolates causing sheath blight of rice. *Journal of Scientific Research* 53: 103-115.
4. Kumar Manoj, **Singh Vineeta**, Singh K.N. and Vikram Prashant. 2008. Morphological and virulence characterization of *Rhizoctonia solani* causing sheath blight of rice. *Environment and Ecology*, 26(3): 1158-1166.
5. Vikram Prashant; **Singh, Vineeta**; Kumar Manoj and Singh, K.N. 2008. Towards molecular mapping for resistance to sheath blight (*Rhizoctonia solani* Kuhn) in Rice (*Oryza sativa* L.) and Barley (*Hordium vulgare* L.) Genotypes. *Plant Disease Research* 23(2): 1-6).
6. **Singh, Vineeta**; Singh, U.S. and Singh, K.P. 2003. Relative virulence of rice isolates of *Rhizoctonia solani* Kuhn on rice and wheat. *Indian Phytopathology*, 56(2): 186-187.
7. **Singh, Vineeta**; Singh, Major; Singh, U.S and Singh, K.P. 2003. Fingerprinting the rice isolates of *R. solani* Kuhn using RAPD markers. *International Rice Research Notes*, 28: 28-30.
8. **Singh, Vineeta**; Singh, U.S.; Singh K.P.; Singh Major and Kumar Anil. 2002. Genetic diversity of *Rhizoctonia solani* isolates from rice: Differentiation by morphological characteristics, pathogenicity, anastomosis behaviour and RAPD fingerprinting. *Indian Journal of Mycology and Plant Pathology*, 32(3): 332-344.
9. Singh, A; Singh, U.S.; **Singh, Vineeta**; Zeigler, R.S.; Hill, J.E.; Singh V.P.; Duveiller, E.; Cruz, P. Sta. and Holderness, M. 2000. *Rhizoctonia solani* in Rice Wheat System. *Indian Journal of Mycology and Plant Pathology*, Vol. 30:343-349.
10. Kumar, Sanjeet; **Singh, Vineeta**; Kumar, Sanjeev; Singh, Major; Rai, Mathura and Kalloo, G. 2002. RAPD protocol for tagging of fertility restorer and male sterility genes in chilli (*Capsicum annum* L.). *Vegetable Science*, 29: 101-105.
11. **Singh, Vineeta and Singh, Major**. 2009. Genetics, pathology and molecular biology of cytoplasmic male sterility. *Vegetable Science* 36(3): 269-282.

9. Additional Information/Achievements :

Date : 01/04/10

Signature

Place :