

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

Employee No. 13491



1. Name : (first name) **Ram** (middle name) **Bahadur** (surname) **Singh**
2. Designation : Associate Professor
3. Academic Qualifications :

| Degree/Diploma | University/Institution | Year |
|----------------|--|------|
| B.Sc. (Ag) | Uttar Pradesh Agriculture University, Pant Nagar | 1968 |
| M.Sc. (Ag.) | Uttar Pradesh Agriculture University, Pant Nagar | 1970 |
| 4. Ph.D | Banaras Hindu University, Varanasi | 1983 |

Area of Specification : (brief writeup) : Studies on Sclerotial fungi on pulses and vegetable crops: their ecology and management. Management of Plant diseases (Fungal bioagents and botanicals), cultural practices and chemicals.

5. Contact Information :
6. Projects Undertaken as PI/Co PI:

Achievements: Ph.D. thesis work on plant extracts (neem oil) saved "Neem" from getting patented by W.R.Grace &Co.,USA and United States Department of Agriculture, U.S.

Important Publications:

1. A modified method for testing pathogenicity in *Sclerotinia sclerotiorum*, Mycologia **71**: 646-648,1979.
- 2.The fungicidal effect of neem (*Azadirachta indica*) extracts on some soil borne pathogen of gram (*Cicer arietinum*). Mycologia **72**: 1077-1093.
- 3.The effect of soil texture, soil mixture, soil moisture and depth of soil on carpogenic germination of *Sclerotinia sclerotiorum*.Z. Pflkrenkh Pflazohutz.90:662-669,1983.

4. Effect of temperature on sclerotial germination, growth and sclerotia formation in *Sclerotinia sclerotiorum* Z. Pflkrenkh Pflazohutz.92:281-207,1985.
5. Effect of light of different wavelengths on apothecium formation in *Sclerotinia sclerotiorum* Z. Pflkrenkh Pflazohutz.94:500-508,1987.
6. Anomalous apothecia formation in *Sclerotinia sclerotiorum*. Indian J. Plant Pathol. **16**:24-27,1998..
7. Effect of margosa oil and cake extract on *Sclerotium rolfsii* causing color rot of Chickpea. Indian J. Plant Pathol. **16**:50-54,1998.
8. Effect of ginger (*Zingiber officinale* Roscae) extract on growth and Sclerotia formation in *Sclerotinia sclerotiorum*(Lib.) de Bary, Indian Perfumer.43: 60-63,1999.
9. Influence of biofertilizer, organic manure and inorganic fertilizer on major foliar diseases of rice (*Oryza sativa*L.) in rain-fed condition. Indian J. Plant Pathol.20: 48-51,2002.
10. Reduced disease incidence and increased rice production in upland irrigated and rain-fed ecosystem through *Trichoderma harzianum* NBRI-1055 and *Azospirillum*. Indian J. Plant Pathol. 23: 37-41,2005.

Date :

Signature

Place :