



Dr. Umesh Kumar Singh
Assistant Professor

A. Department of Seed Science and Technology
(PGCA) RPCAU, Dholi, Muzaffarpur-843121
Bihar, India
M. uksinghraupusa@gmail.com
T. +91 9931956795

EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Ag.):** R.A.U. PUSA, Samastipur, Bihar
- **M.Sc. (Ag) Plant Breeding & Genetics:** R.A.U. PUSA, Samastipur, Bihar
- **Ph.D. Plant Breeding & Genetics:** M.U., Bodh Gaya, Bihar

PROFESSIONAL AREA

- **Research Area:** Oilseed Crops (Sunflower and Sesame), Rice Research and Seed Technology Research
- **Research Interests:** Development of Sunflower and Rice Varieties
- **Memberships/Fellow of Societies:** Life Member of Oryza; Indian Journal of Oilseed Research

PUBLICATIONS

- **Research articles / Review articles /Short Communication: 19**
- **Books & Book Chapter: 05**
- **Popular articles: 12**

KEY PUBLICATIONS:

- Ram, J., Singh, U.K., Singh, S.K and Krishna, B., 2018. Study of genetic diversity in Sunflower (*Helianthus annuus* L.) International journal of Current Microbiology and Applied Sciences. 7(5), pp. 2266-2272.
- Thakur, R.B., Singh, U.K. Singh, H. and Singh, R. 2001. Agronomic evaluation of low land rice based cropping system under limited irrigation in rabi for sustainable crop production RAU, J. Res. 11(1&2), pp.23-26
- Thakur, R.B., Singh, U.K., Singh, H., and Singh, R. 2002. Effect of Nitrogen on growth yield and protein content of scented rice (*Oryza sativa*) in calcareous belt of North Bihar RAU, J. Res. 12(1&2), pp.53-55.
- Thakur R., Singh, A.K., Singh, N.K., Mishra, S.B., Mishra, M., Singh, U.K., Rai, J.N. and Choudhary V.K. 2002. DhanLaxmi and Richhariya very early varieties released in Bihar, India. IRRN. 27 (1), pp.31-32.
- Thakur, R., Singh, A.K., Singh, R.S., Singh, U.K., Rai, J.N. and Choudhary V.K. 2002. Saroj and early maturing rice variety release in Bihar, India IRRN 27(2), pp.18.
- Singh, U.K., Kumar, R., and Srivastav, S. 2009. Genetics divergence study in India mustard, *Brassica Juncea* (L.) Czern & coss under abiotic stresses. J. Oilseeds Res. Vol. 26 (Special issue).
- Singh, R.S., Singh, H., Phoolchand, Singh, U.K., Pandey, A., Rain, D. and Akhauri, R.K. 2009. Response of bio-fertilizers on yield economics of sunflower, *Helianthus annuus* L. J. Oilseeds Res. Vol. 26 (Special issue).
- Phoolchand, Singh, S.N., Rai, D., Singh, U.K., Pandey, A., and Akhauri, R.K. 2009. Effect of different organic soil amendments in combination with recommended dose of NPK on the incidence of Sclerotinia rot (*Sclerotinia sclerotinia*) rot: on de Bary of Indian mustard. J. Oilseeds Res. Vol. 26 (Special issue).
- Kumar, R., Singh, C.M., Arya, M., Kumar, R., Mishra, S.B., Singh, U.K., and Paswan, S. 2018. Investigating stress indices to discriminate the physiologically efficient heat tolerant genotypes of mungbean (*Vigna radiata* L.); Legume Research (Accepted for publication)
- Kumar, R., Nilmani, P., Singh, U.K., and Kumar, S. 2016. K-Mean determination of genetic divergence for some morphological and submergence related traits in Rice landraces; The Ecoscan 10(1&2), pp.321-325.
- Kumar, R., Nilmani, P., Singh, U.K. and Kumar, N. 2017. Principal Component Analysis of Submergence related traits in landraces of Rice (*Oryza sativa*.L). Green Farming, 8 (1), pp.16-19.