

Dr. Adesh Singh

Assistant Professor, Agronomy

Department of Agronomy, College of Agriculture

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Date of joining: 15 May, 2007

Discipline and specialization:

- Agronomy- Nutrient Management in Cropping Systems

Educational qualifications:

- B.Sc. Ag. & A.H. with Hons., M.Sc. Ag. and Ph.D., Agronomy with minor in Soil Science, GBPUA&T, Pantnagar (U.K.)
- NET qualified (2001 and 2006)

Research/teaching experience:

- One year research experience as Senior Research Fellow in the field of organic farming.
- One and Half year experience as Post Doctorate fellow in the field of organic farming.
- Five and Half year teaching and research experience as Assistant Professor, Agronomy.

The courses Taught at UG and PG level:

UG Level

- a) Elementary Agriculture (APA-110)
- b) Principles of Agronomy (APA-310)
- c) Field Crops - I (*kharif*) (APA-211)
- d) Field Crops - II (*rabi*) (APA-221)
- e) Practical Crop Production (APA-312)
- f) Elementary Crop Physiology (APA-210)
- g) Irrigation water Management (APA-330)
- h) Water management Including Micro irrigation (APA-121)

PG Level

- a) Cropping systems and sustainable Agriculture (AGRON-511)
- b) Soil fertility management (APA-505)
- c) Field crops - II (APA-522)
- d) Crop ecology (AGRON-602/APA-610)
- e) Principles and practices of soil fertility and nutrient management. (AGRON-502)
- f) Irrigation Management (AGRON-605)
- g) Soil conservation and watershed Management (AGRON-608)
- h) Basic concepts in laboratory techniques (PGS-504)

Students Guided: 01 M.Sc. Ag. (Agronomy) student

Publications:

Published 20 research papers in peer reviewed journals, and 18 Research abstracts and 20 popular articles in different reputed magazines and presented 06 papers in national and international seminar/symposia.

Main Research Papers:

Singh, Adesh and Singh, N. P. (2006). Nutrient management in urdbean-wheat cropping sequence. *Indian Journal of Pulses Research* **19** (1): 70-72.

Singh, Adesh and Singh, N. P. (2006). Direct and residual effects of organic and inorganic sources of nutrients under urdbean (*Vigna mungo*)-wheat (*Triticum aestivum*) cropping sequence in foot hills of Uttaranchal. *Indian Journal of Agronomy* **51** (2): 97-99.

Kumar, Sanjay, **Singh, Adesh**, Rana, N.S. and Panwar, G.S. (2008). Production potential, profitability and sustainability of different wheat (*Triticum aestivum*) - based cropping systems in semi arid regions of Uttarakhand. *Indian Journal of Agricultural sciences* **78** (3): 248-250.

Singh, Adesh, Singh, V.K., Rana, N.S., Kumar, Sanjay, Panwar, G.S. and Kumar, Yogesh (2008). Response of urdbean to farmyard manure and phosphorus application under urdbean-wheat cropping sequence. *Journal of food legumes* **21** (2): 119-121.

Singh, Adesh and Tomar, S.S. (2010). Yield and economic evaluation of different wheat based cropping systems in western plains of Uttar Pradesh. *Bhartiya Krishi Anushandhan Patrika* **25** (2, 3&4): 90-93.

Additional responsibilities:

- Working as officer in-charge, PCP
- Duties assigned by University authority at different occasions like CATET exam., counseling etc

Significant achievement in the area of Extension/Advisory Services:

- Divisional/district level workshop/Gosthi attended = 12 Nos
- T.V. Talk delivered = 04 Nos
- National/International workshop/ Symposium attended = 08 Nos
- Training /Summer/winter school attended = 04 Nos

Membership of Professional Bodies (Life member):

- Indian Society of Agronomy
- Indian Society of Farming System Research and Development
- Bhartiya Krishi Anusandhan Samiti

Project handled:

- One externally funded research project handled in capacity of project leader
- Two externally funded research project handled in capacity of Co-P.I.

Future Planning of Research:

- Research on integrated nutrient management for cropping systems in the western plain zone of Uttar Pradesh.
- Research on Integrated weed management for cropping systems in the western plain zone of Uttar Pradesh.