

Profile

Dr. Rakesh Kumar Singh



Designation: Principal Scientist
Division of Soil Physics

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Research specialization:

Soil Fertility, Soil and Water management and Conservation Agriculture

Professional Experience:

Designation	Organization	Institutions	Period (from –To)
Principal Scientist	ICAR	IISS Bhopal	07. 09. 2014 to till date
Senior Scientist	ICAR	IISS Bhopal	07.09.2008 to 6.9.2014
Scientist -Senior Scale	ICAR	IISS Bhopal	07.09.2004 to 06.9.2008
Scientist	ICAR	IISS Bhopal	16.10.2002 to 07.9.2004
Scientist	ICAR	NRCG Pune	07.9.1998 to 14.10.2002
Technical Assistant (T-II-3)	ICAR	IISS Bhopal	19.12.1994 to 05.9.1998
Field Assistant	ICAR	IISS Bhopal	25.1.1993 to 18.12.1994

Awards and Honours:

Best poster award for “*Characterizing rooting behaviour of chick pea under different tillage system*” by Nishant K. Sinha, M. Mohanty, J. Somasundram, R. Saha, **R.K. Singh**, K.M. Hati, R.S. Chaudhary and A. Subbrao under the theme of Global Agronomy - Agronomy beyond Borders in **3rd International Agronomy Congress** “Agriculture Diversification, Climate Change management and Livelihoods” was held on 27 to 29th November, 2012 at IARI, New Delhi.

Top Ten publications :

- 1 **R.K.Singh**, R.S.Chaudhary , J.Somasundaram , N. K. Sinha , M. Mohanty , K. M. Hati , I. Rashmi, A. K. Patra, S. K. Chaudhari and Rattan Lal. Soil and nutrients losses under different crop covers in vertisols of Central India. **Journal of Soils and Sediments**. 20 (2) 609-620.
- 2 **R.K. Singh** , R.S. Chaudhary, J. Somasundaram, I. Rashmi, K.M. Hati, N.K. Sinha and A. Subba Rao. (2014). Impact of crop covers on soil properties, runoff, soil-nutrients losses and crop productivity in Vertisols of central India. **Indian Journal of Soil Conservation**. Vol. 42, No. 3, pp 268-275, 2014.
- 3 **R.K.Singh**, P.K.Ghosh, K.K.Bandyopadhyay, A.K.Misra, K.G.Mandal and K.M.Hati. 2006. Integrated Plant Nutrient Supply for Sustainable Production in Soybean based cropping System. **Indian Journal of fertilizers**, Vol.1 (11), February 2006, pp. 25 -32.
- 4 P.K.Ghosh, **R.K.Singh**, K.K.Bandyopadhyay, A.K.Misra and M.C.Manna.2005. Role of Integrated plant Nutrient supply for Sustainable Production in Groundnut based cropping System in India. **Fertilizer News**, Vol.50 (3) March 2005, pp. 45-48 and 51-53.
- 5 Jagdev Sharma, Shikhamany, S.D., **Singh, R.K.** and Raghupati, H.B. 2005. **Diagnosis** of nutrient imbalance in Thomson seedless grape grafted on dogridge rootstock by DRIS. **Communication in Soil Science and Plant Analysis**, 36 (19/20):2823-2838.
- 6 J. Sharma, S.D.Shikhamany and **R. K. Singh**.2003.Studies on bunch stem necrosis disorder in grape in Maharashtra. **Indian J. Hort.** 60 (2): 154-157.
- 7 J. Sharma, S.D.Shikhamany and **R.K.Singh** .2003.Studies on inward leaf curl disorder grape. **Indian J. Hort.** 60 (3): 236-238.
- 8 Ramtake, S.D., J, Satisha, **Singh, R.K.** and Somkuwar, R, G, 2001.Effect of soil moisture stress on nutrient content, growth and yield of Tas-A-Ganesh grapes grafted on Dogridge root stock. **Annals of Plant Physiology** 15 (1): 67-71.
- 9 **R.K.Singh** and Jagdev Sharma.2004. Effect of fertilizers applied through fertigation and conventional method on yield, quality and fertilizer use efficiency in Grapes. **Annals of Plant and Soil Research** 6 (1): 56-58.
- 10 **R.K.Singh** and Jagdev Sharma .2004. Effect of drip irrigation on yield, quality, pruning weight and water use efficiency in Thompson Seedless Grapes. **Annals of Plant and Soil Research** 6 (2):202-203.