

Profile of Dr. V P Singh

1. Name of the Scientist: **DR. VED PRAKASH SINGH**

2. Personal Biodata:

a) Position/Designation: **Principal Scientist (Agronomy)**

b) Contact Details:

i. ICAR Email ID: **Ved.Singh2@icar.gov.in**

ii. Personal Email ID: **vpsinghnrcws@gmail.com**

iii. Mobile No.: **09415195535, 09424306051**

c) Joining date in:

i. ICAR: **12 June, 1991**

ii. IISR: **08 December, 2014**

d) Discipline and Specialization: **Agronomy (Management of weeds in crops and cropping systems)**

e) Training/advance exposure in the area of work:

f) Contribution to the scientific advancement:

- Developed technologies for managing weeds in rice, wheat, soybean, and horticultural crops.
- Studied long-term impact of herbicides in rice-wheat and soybean cropping systems
- Developed non-chemical approaches of weed management through soil solarization in high value crops especially in nurseries.
- Developed weed management techniques in rice-based cropping systems under conservation agriculture
- Developed technology for management of tiger grass (*Saccharum spontaneum*)

3. Future Planning of research (in bullets):

- Management of binding weeds especially *Ipomoea* spp. in sugarcane.
- Evaluation of new herbicide molecules in sugarcane.



- Enhancing nutrient and water use efficiency based on application of nutrients on crop demand model through fertigation (Drip).

4. Publications (best five):

1. Singh, Muneshwar; **Singh,V.P.** and Reddy, D.D. 2002. Potassium balance and release kinetics under continuous rice-wheat cropping system in verisol. **Field Crop Research** 77: 81-91.
2. **Singh V.P;** Mishra J.S. and Yaduraju N.T. 2002. Impact of irrigation levels and metribuzin on weed growth and tuber yield of potato (*Solanum tuberosum* L.) under vertisols. **Indian Journal of Agricultural Sciences** 72(3):174 -76.
3. **Singh, V.P.,** Dixit, Anil, Mishra, J.S. and Yaduraju, N.T. 2004. Effect of period of soil solarization and weed-control measures on weed growth, and productivity of soybean (*Glycine max*). **Indian J. Agric. Sci.** 74 (6): 324-328.
4. **Singh, V.P.,** Mishra, J.S. Dixit, Anil, and Singh P K. 2006. Comparative efficacy of herbicides against *Euphorbia geniculata* (Orteg.) in soybean [*Glycinemax* (L.) Merrill] (*Glycine max*). **Indian J. Agric. Sci.** 76 (7): 420-422
5. Singh,Muneshwar ; Reddy, K.S; **Singh,V.P.** and Rupa, T R. 2007. Phosphorus availability to rice (*Oryzasatativa* L.) – wheat (*Triticumaestivum* L.) in a vertisol after eight years of inorganic and organic fertilizer additions. **Bioresource Technology** 98 (7): 1474-81
6. J S Mishra and **Singh V P.** 2012. Tillage and weed control effects on productivity of a dry seeded rice–wheat system on a Vertisol in Central India. **Soil & Tillage Research** 123:11–20.

5. Other relevant activities of Scientist:

- **Acting as Head, Division of Crop Production.**
- **Actively participating in AICRP on sugarcane programme.**