

## Profile of Dr. R.S. Chaudhary

**Name:** Dr. R.S. Chaudhary

**Designation:** Principal Scientist & Head

**Date of birth:** 05-02-1966

**Education:** Ph.D. (Soil science)



**Major Research area:** Conservation agril, Soil Quality, Watershed development and management, Resources Conservation (Soil Water)

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**Professional Experience:** 27 Year in above said research areas.

**Award:** 1. Doreen Mashler Team Award

2. Bharat jyoti Award

### **Publications:**

1. **Chaudhary, R.S.** and Acharya C.L.( 1993). A comparison of evaporative losses from soil of different tilths and under mulch after harvest of rice. Soil & Tillage Research, 28: 191-199.
2. **Chaudhary, R.S.** and Acharya, C.L.( 1996). Structural variations between freshly drawn and air-dried soil samples during puddled rice growth. Journal of Indian Society of Soil Science, 44 (2): 206 - 208.
3. **Chaudhary, R.S.** and Sharma, P.D. (1998). Erosion hazard assessment and treatment prioritization of Giri river catchment in Northwestern Himalayas. Indian J. Soil Conservation 26(1): 6 - 11.
4. **Chaudhary, R.S.** and Sharma, P.D. (1999). Runoff and sediment yield from Giri river catchment in Himachal Pradesh. Indian J. Soil Conservation, 27 (1): 1-9.

5. **Chaudhary, R. S.**, Gadekar, H. and Patnaik, U.S. (1999). Erodibility under different land uses in selected soils of Eastern Ghat High Land Zone. *Indian J. Soil Conservation*, 22 (2): 118- 121.
6. **Chaudhary, R.S.**, Das, A. and Patnaik, U.S. (2003). Efficacy of mulches to conserve monsoonal moisture for Rabi crops. *J. Indian Soc. Soil Science*, 51 (4): 495-498.
7. **Chaudhary, R.S.**, Anchal das and Patnaik, U.S. (2003). Organic farming for vegetable production using vermicompost and FYM in Kokriguda watershed. *Indian J. Soil Cons.*, 31 (2): 203-206.
8. Bandyopadhyay, K.K., Mohanty, M., Painuli, D.K., Misra, A.K., Hati, K.M., Mandal, K.G., Ghosh, P.K., **Chaudhary, R.S.** and Acharya, C.L. (2003). Influence of tillage practices and nutrient management on crack parameters in a vertisols of central India. *Soil & Tillage Research*, 71: 133-142.
9. Blaise, D., Bonde, A. N and **Chaudhary, R. S.** (2005). Nutrient uptake and balance of cotton + pigeon pea strip intercropping on rain fed vertisols of central India. *Nutrient Cycling in Agro ecosystems*, 73:135-145.
10. Ramesh, P., Ghosh, P.K., Reddy, K.S., Ajay, Ramana, S. and **Chaudhary, R.S.** (2005). Assessment of biomass, Productivity and Sustainability of Soybean based Cropping System at Three Levels of Nitrogen in Deep Vertisols of Semi Arid Tropical India. *Journal of Sustainable Agriculture*, 26 (2): 43-59