

Profile of scientist



1. Name of Scientist: **Dr. Ram Ratan Verma**
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2. Personal biodata
 - a) Designation: Scientist (Soil Science)
 - b) Joining date in ICAR: 08.01.2007
 - c) Discipline and specialization : Soil Science and specialization in nutrient management
 - d) Training / advance exposure in the area of work: Attended adequate trainings in specialized discipline and have sufficient exposure in the area of work.
 - e) Contribution to the scientific advancement: organic rice production by using local manurial sources, low cost rain water harvesting technology, integrated nutrient management in coastal saline soils for sustainable rice production, evaluated different soil and water conservation measure for western coastal region under major crops like cashew, mango and coconut.
3. Ongoing projects associated with :02
 - i) Assessing nutrient interactions for sustaining sugarcane productivity and soil health.
 - ii) Studies on the effect of Zinco-Bensulf on yield and quality of sugarcane.
4. Publication list (last 5 years) :
 - i. Manjunath, B.L., **Verma, R.R.**, Ramesh, R. and Singh, N.P. (2012). Evaluation of varieties and local manurial sources for organic rice (*Oryza sativa*). Indian Journal of Agronomy 57(3), page 241-244.
 - ii. **R.R. Verma**, B. L. Manjunath and N. P. Singh, 2012. *Lecture Notes* of National Seminar on Coir Pith composting and use of Geo textiles, ICAR Research Complex for Goa, Old Goa, Goa.
 - iii. **Verma, R. R (2012)** Soil and water management practices for sustainable rehabilitation of mine reject soils in west coast region of India. Lecture notes of *Natinional seminar on coir pith composting and use of geo textiles*. ICAR Research Complex for Goa, Goa India, on 17th March 2012 page 31-37.
 - iv. **Verma, R.R.** (2011). Soil testing for quality seed production. Training manual on “Seed production in agricultural crops with special reference to pulses and oil seeds”, page 29-33.
 - v. **Verma, R.R.** (2011). Integrated nutrient management for quality seed production. Training manual on “Seed production in agricultural crops with special reference to pulses and oil seeds”, page 39-43.

- vi. Wasnik H.M., Manjunath B.L. and **Verma R.R.** (2010). Impact of biophosphate (organic phosphorus) on productivity of different salt tolerant rice varieties under coastal saline soils of Goa. Book of Abstract of national seminar on soil salinity and water quality held at Central Soil Salinity Research Institute, Karnal (India) during January 19-21 2010, Page 74.
- vii. Kumar, K., **Verma R.R.**, Tripathi, A.K. and Kanoujia, V. K. (2010). Impact of various conservation measures on physical properties and erodibility behaviour of soil. Current advances in agricultural sciences 2(1)13-17.
- viii. Manjunath, B.L., **Verma, R.R.** and Singh, N. P. (2010). Standardization of nutrient management practices for organic rice (*oriza sativa*) production. "Xix national symposium on resource management approaches towards livelihood security" during December 2-4 Bengaluru, Karnataka, page 68.
- ix. **Verma, R.R.** (2010). Perspectives of conservation agriculture. Training manual on entrepreneurship development in seed and planting material production, page 39-42.
- x. **Verma, R.R.** (2010). Integrated nutrient management (INM) in horticultural and field crops. Training manual on entrepreneurship development in seed and planting material production, page 43-47.
- xi. **Verma, R.R.**, Manjunath, B.L. and Singh, N. P. (2010). Integrated nutrient management for enhancing sustainable rice production and productivity in coastal saline soils of Goa. Book of abstract of "9th National Symposium on Recent Outlook on Sustainable Agriculture, Livelihood Security and Ecology of Coastal Region" held at Goa, during October 27-30 Page 155-156.
- xii. Manohara, K.K., Manjunath B.L., Ramesh, R., **Verma, R.R.** and Singh, N. P. (2010). Breeding salt tolerant rice varieties for coastal saline soils of Goa. Book of abstract of "9th National Symposium on Recent Outlook on Sustainable Agriculture, Livelihood Security and Ecology of Coastal Region" held at Goa, during October 27-30 Page 155-156.
- xiii. A. R. Desai, N. P. Singh and **R. R. Varma**, 2010. Repulsive weather vis a vis cashew production in Goa. Proceedings and Recommendations, State level Seminar on New Challenges in Cashew Production under Current Trends of Climate Changes. 21st Aug. 2010 held at ICAR Research Complex for Goa, Old Goa. Pp 39-44.
- xiv. **Verma, R.R.**, Wasnik, H.M. and Manjunath, B.L. 2009. Integrated Nutrient Management (INM) in Coastal Saline Soils of Goa for Sustainable Rice Production. Book of abstract of 4th World Congress on Conservation Agriculture held at New Delhi, India during February 4-7 2009, page 204.
- xv. Narayan, R., and **Verma, R.R.** 2008. Role of Biofertilizer in Sustainable Vegetable Crops Production. Book of Abstract of National Conference on Eco-Friendly Approaches in Sustainable Agriculture and Horticulture Production held at Amity University, Lucknow from 28th – 30th November 2008.

5. Other relevant activities of scientist:

Conducted a national seminar on coir pith composting & use of geotextiles, at ICAR Research Complex for Goa, Ela Old Goa, Goa on March 17th, 2012 and actively participate in Institutional building activities.

Signature of scientist