

**T Satyanarayana, PhD, Deputy Director, Southern Region, India Program,
International Plant Nutrition Institute (IPNI)**

T Satyanarayana was born in Yanam, Pondicherry and represented the first batch of Jawahar Navodaya Vidyalaya for completing academics till higher secondary school education. He received a BSc (Agriculture) in 1998 from Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal (TNAU) and MSc (Soil Science and Water Management) in 2001 from the University of Horticulture and Forestry, Solan, Himachal Pradesh under the supervision of Dr. J. N. Raina. He subsequently worked for one year as a senior research fellow in the division of environmental sciences with Dr. Anita Choudhary and Dr. Rajendra Choudhary, worked on "Spatial and temporal variability of soil microbial diversity in rice-wheat cropping systems" in Indian Agricultural Research Institute, New Delhi. He received his PhD (Soil Science and Agricultural Chemistry) from IARI in 2005 with Dr. Sarjeet Singh as the chairman of advisory committee.

In 2005, Dr. Satyanarayana worked as a Deputy Manager in Coromandel Fertilisers Ltd, Hyderabad with Dr. A. Kuppusamy and Mr. G. Veerabhadram. During his association with Coromandel, he focused on product development activities comprising of organizing field trials for new and existing pesticide products and Water-Soluble Fertilisers, assisting registration of new molecules for export, import and formulation registration u/s 9(3), 9(3b) and 9(4) of Insecticides Act, 1968, helped in data generation & dossier preparation to obtain registration of new products both for the domestic and export market, coordinated with various agricultural universities and research stations for facilitating bioefficacy trials. He used to carry out field promotional activities like demonstrations, crop seminars and farmer meetings and also helped in imparting technical training to field staff. While working with CFL, he was instrumental in developing three variants of a plant growth stimulant Fantac (N-ATCA based growth stimulant) in grapes, cotton and vegetables for meeting the crop specific nutrient requirement.

Before coming to IPNI, Dr. Satyanarayana joined Shriram Fertilisers and Chemicals, New Delhi in early 2007 as Deputy Manager and worked with Dr. B. C. Marwaha, Mr. Sreekanth Chundi and Mr. Sovan Chakrabarty looking after business development and agribusiness technical services. In business development, he was responsible for scanning recent developments of agriculture and other allied areas of agribusiness in Global and Indian perspectives, identifying the emerging trends and deriving business opportunities for introduction of new products into business portfolio. Under business development, he was instrumental in developing a protocol on evolving norms for new product launches and portfolio rationalization and helped in generating soil fertility maps for Zinc and Sulphur, which resulted in delineating the deficiencies of Zinc and Sulphur in the business network areas. In technical services, he was directly coordinating post graduates and Ph D scholars working as market development officers for imparting training to field staff and then to the farmers for promoting the concept of balanced fertilization in Indian farming. He used to forecast information on different weather parameters at weekly intervals, derive probable impact on standing crops and helped in generating business opportunities for marketing staff. He developed tools for field staff, of which some of the worth mentioning tools were booklets on field crops and vegetable crops, literature, publicity and promotional materials for different products etc. He was also responsible for running 110 SKVK centers (concept of adopting 10 villages and rendering service to the farmers) meant for reshaping the lives of Indian farmers in rural villages through transfer of location specific and need based farm technology

Dr. Satyanarayana joined International Plant Nutrition Institute in November 2008 and is based in Hyderabad, Andhra Pradesh and covers the Southern Region of India Program comprising of Andhra Pradesh, Tamil Nadu, Karnataka, Kerala, Orissa and Sri Lanka.

Research work during academics

Ph. D “Release and uptake of phosphorus from some organic manures under wheat-blackgram crop sequence using isotopic tracers”

M. Sc “Studies on nutritional status of apple orchards of Himachal Pradesh”

Awards and Honours

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| Ph.D. | ▪ Holder of IARI Senior Research Fellowship |
| | ▪ Qualified ICAR-National Eligibility Test for Lectureship |
| M. Sc (Ag) | ▪ Holder of ICAR Junior Research Fellowship |
| B. Sc (Ag) | ▪ Holder of merit scholarship sponsored by Govt. of Pondicherry |

Publications

- ❖ Satyanarayana Talatam and Raina, J. N. (2005). Nutritional status of apple growing soils and plants of Himachal Pradesh I - Macronutrients. *J. Soil Water Conservation*. 4(1&2): 72-78.
- ❖ Satyanarayana Talatam and Raina, J. N. (2005). Nutritional status of apple growing soils and plants of Himachal Pradesh II- Micronutrients. *J. Soil Water Conservation*. 4(3&4) : 25-30.
- ❖ Coumar, M. V., Singh, S. and Satyanarayana Talatam (2004). Availability and utilization of phosphorus from rock phosphate enriched biogas slurry under mustard. *J. Nuclear Agril. Biol.* 33(3-4): 154-163.
- ❖ Sharma, U., Krishan, G. and Satyanarayana Talatam (2002). Soil bioresources in agriculture. In: *Bioresource technology*, (G. Tripathi Ed.), CBS Publishers, New Delhi, pp. 44-56.
- ❖ Satyanarayana Talatam, Sarjeet Singh, Coumar, M. V. and Dhyan Singh (2007) Effect of organic manures on Phosphorus use efficiency and grain yield of wheat and blackgram grown in sequence. *J. Nuclear Agril. Biol* 36 (1-2): 25-29
- ❖ T Satyanarayana, H. S. Khurana and Kaushik Majumdar (2009) Current status of fertiliser use in India with reference to Agro Ecological Zones and Crops. In: Site-specific integrated nutrient management in rice and rice based cropping systems, Directorate of Rice Research, Hyderabad, pp. 60-68.