Dr. Sanjay Srivastava

Designation: Principal Scientist
Division of Soil Chemistry & Fertility

☎[+91-755-2730970 (210),
Fax: +91-755-2733310]
✉[sanjaysrivastava238@gmail.com;
Sanjay.srivastava1@icar.gov.in]

Research Specialization:

- The soil test crop response
- Farmers' participatory research
- Dynamics of potassium under long-term cropping, and soil fertility mapping for major nutrients.
- Technology development and commercialization (Mridaparikshak mini-lab)
- Technology development for low cost soil health assessment under resource limited conditions

Professional Experience:

- Joined ICAR at NAARM, Hyderabad on 22.03.1996
- Worked at ICAR-IISS, Bhopal as Scientist & Scientist (Sr. Scale) in AICRP on STCR from 01.09.1996 to 21.03.2003
- Worked as Senior Scientist and Principal Scientist in Division of Soil Chemistry and Fertility at ICAR- IISS, Bhopal from 10.03.2003 to till date.

Awards and Honours:

Member, Several Indian delegations to African countries

Served as Councilor, Clay Minerals Society of India and Indian Society of Soil Science

Top Ten publications:

Sanjay Srivastava, K.D. Singh and A. Subba Rao. (1999). Fertiliser recommendations for pigeonpea-wheat cropping system based on initial soil test values, *International Journal for Tropical Agriculture*, **17**, 83-89.

Sanjay Srivastava, Y. S. Rao and Ch Srinivasa Rao. (2000). Fine sand and clay mineralogy of some black soils of Zaheerabad in semi-arid tropical region of Andhra Pradesh, *Journal of Indian Society of Soil Science*, **48**, 365-371.

Srivastava, S., Rupa, T.R, Swarup A and Singh, D. (2002). Effect of long-term fertilization and manuring on potassium release properties in a Typic ustochrept, *Journal of Plant Nutrition and Soil Science*, **165**, 352-356.

Rupa, T.R., Srivastava, S., Swarup, A., Tambhare, B.R. and Sahoo, D. (2003). Quantity-Intensity relationship in Typic Haplusterts and Aeric Haplaquept as influenced by long-term cropping, fertilisation and manuring, *Nutrient Cycling in Agroecosystem*, **65**, 1-11.

K Alivelu, S Srivastava, A Subba Rao, KN Singh, G Selvakumari, NS Raju. (2003). Comparison of modified Mitscherlich and response plateau models for calibrating soil test based nitrogen recommendations for rice on Typic Ustropept, *Communications in Soil Science and Plant Analysis***34**, 2633-2643.

S. Srivastava, A. Subba Rao, K. Alivelu, KN Singh, NS Raju and A. Rathore. (2006). Evaluation of Crop Responses to applied fertiliser phosphorus and derivation of optimum recommendations using Mitscherlich-Bray equation, *Communications in Soil Science and Plant Analysis*, **37**, 847-858.

K Alivelu, AS Rao, S Sanjay, KN Singh, NS Raju, P Madhuri. (2006). Prediction of optimal nitrogen application rate of rice based on soil test values, *European journal of Agronomy***25** , 71-73.

Sanjay Srivastava, T.R. Rupa, and Anand Swarup. (2013). Potassium release in an Aeric Haplaquept as influenced by long-term rice-rice cropping with different rates of fertilizers and manuring, *Communications in Soil Science and Plant Analysis*, **44**, 3281-3292.

Subba Rao, A.; Srivastava, Sanjay; Ganeshamurty, A. N. (2015). Phosphorus supply may dictate food security prospects in India. *Current Science*, 148, 1253-1261.

P.S. Rajput, S. Srivastava, B.L. Sharma, B. Sachidanand, Pradip Dey, S.B. Aher and D.S. Yashona (2016). Effect of soil-test-based long-term fertilization on soil health and performance of rice crop in Vertisols of central India, *International Journal of Agriculture, Environment and Biotechnology*, **9**, 801-806.