

Brief Report On

Role of Soil pH in Plant Nutrition and Soil Remediation

An educational, interactive and motivational *one hour session* of ‘*Guest Lecture*’ was held on on 23rd March, 2021 in the Seminar Hall, Department of Agriculture, Integral Institute of Agricultural Science and Technology (IIAST), Integral University, Lucknow. The event began with a brief introduction by Dr P Smriti Rao of the chief guest Dr. Tarence Thomas, Professor and Head, Department of Soil Science and Agricultural Chemistry, SHUATS, Prayagraj. The guest speaker was heartily welcomed by Dr Saba Siddiqui, Assoc Professor & Head and spoke about the achievements of Dr. Tarence Thomas. He is an eminent Soil Scientist and has vast experience and knowledge in the area o Soil Physics, Soil Chemistry, Soil Fertility and Nutrient management, Geospatial variability in soil.

Dr. Tarence Thomas discussed that in the natural environment; soil pH has an enormous influence on soil biogeochemical processes. Soil pH is, therefore, described as the “master soil variable” that influences myriads of soil biological, chemical, and physical properties and processes that affect plant growth and biomass yield. Later he also explained that soil pH can broadly be applied in two broad areas, i.e., nutrient cycling and plant nutrition and soil remediation.

The students found the session interesting and beneficial.

