

**Summer Field School [Online] on
 MOUNTAIN ECOSYSTEMS AND RESOURCE MANAGEMENT
 Ivano-Frankivsk Region, Ukraine :: 19-28 September, 2021**

DELEGATE PARTICIPANT'S PROFILE

 <small>V.ABHISHEK RAJ</small>	<p>Mr. Vinukonda Abhishek Raj <i>Research Scholar</i> School of Natural Resource Management CPGS-AS, Central Agricultural University Umiam 793013, Meghalaya, India</p> <p>Tel: +91 6030211467 Email: vinukonda.abhishekr@gmail.com</p>
Highest Education	Bachelor's degree (B.Sc. Agriculture)
Personal Statement	<p>Dear colleagues! Further I would like to say a few words in order to present myself as the delegate participant for the forthcoming Summer School on 'Mountain Ecosystems and Resource Management'. I am studying my Master's degree in Soil Science at School of Natural Resource Management in CPGS-AS, Central Agricultural University, Meghalaya. I have graduated in Agriculture from Acharya. N.G. Ranga University, Agricultural College, Bapatla in 2018. I am working on 'Evaluation of phosphorous extractants for organically managed acid Inceptisol under pea (<i>Pisum sativum</i> L.) cultivation'. I have published a book chapter title "Conservation Agriculture: A New Paradigm Farming for 21st Century" in Sustainable Agriculture-Recent Advances. I have acted as Joint Organizing Secretary the International Web Conference on "Perspective on Agricultural and Applied Sciences in COVID-19 Scenario (PAAS2020)" organized by Agricultural & Environmental Technology Development Society (AETDS) during October 4-6, 2020. I have been awarded in poster presentation title of "Importance of integrated nutrient management in conservation agriculture" during National e- Poster Olympiad on Soils, Biomes and Resilience to climate Change" and secured second position in poster presentation entitled "Hyperspectral Remote Sensing: A New Trend for Discrete Analysis of Plant Nutrients for</p>

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	Better Nutrient Management” in world soil day celebration 2020, Dec 4-5,2020 conducted by Soil Conservation Society of India, New Delhi.
Paper/Presentation Title (Unpublished Research or Review or Field Work)	<i>Evaluation of Phosphorous Extractants for Organically Managed acid Inceptisol under Pea (Pisum sativum L.) Cultivation</i>
Keywords	Phosphorus; Phosphorus extractants; Organic; Pea cultivation; Acidic soils
Abstract (100-300 words)	<p>The present investigation was carried out to evaluate phosphorous extractants for organically managed acid Inceptisol and to suggest suitable testing procedure for pea (<i>Pisum sativum</i> L.) cultivation under organic production system as no scientific information on soil test-based phosphorus management in organic production system is available. This is mostly due to lack of appropriate knowledge about contributory P-pools and their testing methodologies in organic production. Farmers are applying manures either on adhoc basis or on farmer’s working knowledge. This results in imbalance nutrition leading to low yield and poor-quality produce. Conventional P testing methods does not take reserve and potentially mineralizable fraction pools into consideration, where these pools are quite well significant in organic farming system. Hence, different extractants which can analysis these pools and tune with crop P uptake would be highly considerable. Therefore, different phosphorus extractants for organically managed acid Inceptisol of Ri-Bhoi district of Meghalaya under pea (<i>Pisum sativum</i> L.) cultivation was undertaken. A number of organic acid extractants were employed against conventional Bray extractant as check. Out of different extractants with combinations, 2% citric acid and double lactate extractable P are strongly correlation with P content in soil and therefore recommended for organically managed acid Inceptisol for pea (<i>Pisum sativum</i> L.) cultivation.</p>
More Information (weblinks)	