

Curriculum Vitae



Dr Bharat Prakash Meena

Senior Scientist (Agronomy)

Division of Soil Chemistry and Fertility

☎ [+91-755-2730970 (Extn 208),

Fax: +91-755-2733310]

✉ bharatmeena24@gmail.com;

bharat.Meena@icar.gov.in

https://www.researchgate.net/profile/Bharat_Meena2/research

<https://scholar.google.com/citations?user=lcMzxWEAAAJ&hl=en>

Research Specialization:

- ✓ Crop Agronomy
- ✓ Integrated Nutrient Management
- ✓ Conservation Agriculture
- ✓ Nitrogen use efficiency and soil health management
- ✓ Organic farming

Professional Experience:

- ✓ Joined ICAR as Scientist (Agronomy) at NAARM Hyderabad on September 15, 2011.
- ✓ Working as Scientist at ICAR-IISS Bhopal since December 22, 2011.

Awards and Honours:

- ✓ Young Scientist Award (2020), Agricultural Technology Development Society (ATDS), Ghaziabad, India.
- ✓ Sri Ram Puraskar' Fertilizer Association of India (FAI), New Delhi (2016).
- ✓ Young Scientist Award (2016) by Genesis Urban and Rural Development Society, Hyderabad, India.
- ✓ Best Young Scientist Award (2016) Pearl- A Foundation for Educational Excellence. Madurai, India.
- ✓ Best Poster Award in International conference on Development and Promotion of Millets and Seed Spices for Livelihood Security at Agriculture University, Jodhpur, during 24-26 February, 2023.
- ✓ Best Poster Award in National Conference on Organic Waste Management for Food and Environmental Security" at ICAR-IISS, Bhopal during 08-10 February, 2018.
- ✓ Best Center of All India Network Programme on Organic farming (AI-NPOF) as Team Member (2020-21).
- ✓ Best Oral Presentation Award in International Conference Global Approaches in Natural Resource Management for Climate Smart Agriculture during February 26-28, 2021.
- ✓ Received of Appreciation Certificate by Director, ICAR- IISS, Bhopal (2020-21).
- ✓ ICAR-Indian Agricultural Research Institute (IARI)-SRF -(2007-2010).
- ✓ ICAR National Eligibility Test (NET) (2008, 2009).
- ✓ Awarded College Merit Scholarship (2005- 2007) at COA, SKRAU Bikaner (2005-2007).
- ✓ Awarded NCC 'B' Certificate (2005).

Top Ten publications:

1. **Bharat Prakash Meena**, A.K. Biswas, Muneshwar Singh, H. Das, R.S. Chaudhary, A.B. Singh, A.O. Shirale, Ashok K. Patra (2021) Energy budgeting and carbon footprint in long-term integrated nutrient management modules in a cereal- legume (*Zea mays* – *Cicer arietinum*) cropping system, *Journal of Cleaner Production* 314 (2021) 127900. <https://doi.org/10.1016/j.jclepro.2021.127900>.
2. **Bharat Prakash Meena**, AK Biswas, Muneshwar Singh, RS Chaudhary, AB Singh, H Das, Ashok K Patra, 2019. Long-term sustaining crop productivity and soil health in maize–chickpea system through integrated nutrient management practices in Vertisols of central India. *Field Crops Research*, 232, 62-76. doi.org/10.1016/j.fcr.2018.12.012.
3. **Bharat Prakash Meena**, Ashok Kumar, B Lal, Rang Lal Meena, AO Shirale, ML Dotaniya, Kuldeep Kumar, NK Sinha, SN Meena, Asha Ram, Priyanka Gautam, 2019. Sustainability of Popcorn-Potato Cropping System Improves Due to Organic Manure Application and Its Effect on Soil Health, *Potato Research*, 1-27. <https://doi.org/10.1007/s11540-018-9410-3>.
4. **Bharat Prakash Meena**, Pramod Jha, Kulasekaran Ramesh, Ashis Kumar Biswas, Rajamanickam Elanchezhian, Hiranmoy Das, Neenu Sathyaseelan, Abhay Omprakash Shirale & Ashok Kumar Patra (2021) Agronomic management based on multi-split topdressing increases grain yield and nitrogen use efficiency in rainfed maize in Vertisols of India, *Journal of Plant Nutrition*, DOI: 10.1080/01904167.2021.1998529.
5. B. Lal, Priyanka Gautam, A.K. Nayak, B.B. Panda, P. Bihari, R. Tripathi, M. Shahid, P.K. Guru, D. Chatterjee, U. Kumar, **Bharat Prakash Meena**. 2019. Energy and carbon budgeting of tillage for environmentally clean and resilient soil health of rice-maize cropping system. *Journal of Cleaner Production* 226 (2019) 815-830.
6. Lal, B., Sharma S.C., Meena R.L., Sarkar S., Sahoo A., Balai Roop Chand, Priyanka Gautam, **Bharat Prakash Meena** (2020) Utilization of by-products of sheep farming as organic fertilizer for improving soil health and productivity of barley forage. *Journal of Environmental management*, 269, 110765. doi.org/10.1016/j.jenvman.2020.110765
7. Lenka NK, **Bharat Prakash Meena**, Lal R, Khandagle A, Lenka S and Shirale AO (2022) Comparing Four Indexing Approaches to Define Soil Quality in an Intensively Cropped Region of Northern India. *Frontiers in Environmental Science*. 10:865473. doi: 10.3389/fenvs.2022.865473.
8. Vishwakarma AK, **Bharat Prakash Meena**, Das H, Jha P, Biswas AK, Bharati K, et al. (2023) Impact of sequential herbicides application on crop productivity, weed and nutrient dynamics in soybean under conservation agriculture in Vertisols of Central India. *PLoS ONE* 18(1): e0279434. <https://doi.org/10.1371/journal.pone.0279434>.
9. Shirale, A.O., Vilas Kashinath Kharche, Rupesh Sakhamam Zadode, **Bharat Prakash Meena** & Selladurai Rajendiran (2017) Soil biological properties and carbon dynamics subsequent to organic amendments addition in sodic black soils, *Archives of Agronomy and Soil Science*, 63:14, 2023-2034, DOI: 10.1080/03650340.2017.1322194.
10. RL Jat, Pramod Jha, ML Dotaniya, BL Lakaria, I Rashmi, **Bharat Prakash Meena**, AO Shirale, AL Meena 2018. Carbon and nitrogen mineralization in Vertisol as mediated by type and placement method of residue, *Environmental monitoring and assessment*, 190: 439. <https://doi.org/10.1007/s10661-018-6785-1>.
