

Dr. Priya Pandurang Gurav



Designation: Scientist
Division of Soil Chemistry and Fertility
☎ +91-755-2730970 (Extn) 213
Fax: +91-755-2733310
✉ [priyaguravnbs@gmail.com;
gurav.pandurang@icar.gov.in

Research specialization:

- Mineralogy of Vertisols in relation to K availability in Central and Western India.
- Soil testing and nutrient use efficiency
- Soil clay mineralogy
- Soil potassium dynamics

Professional Experience:

- Agriculture Officer, State Agriculture Department of Maharashtra, June 2013 to November, 2015
- Joined ICAR-NAARM, Hyderabad as Scientist (Trainee) on 1 January, 2016 to 9 April, 2016
- Joined ICAR-IISS, Bhopal on 10 April, 2016- till date

Top Ten publications:

- **Priya P. Gurav**, S.C. Datta, S.K. Ray, P.L. Choudhari, N. Ahmed (2018). Assessment of potassium release threshold levels in Vertisols (shrink-swell soils) of different agro-ecological regions of India. *Applied Clay Science*, 165, 155-163.
- **Priya P. Gurav**, S. K. Ray, P. L. Chaudhary, A.O. Shirale, B. P. Meena, AK Biswas and A.K. Patra (2019) Potassium in shrink–swell soils of India. *Current Science*, 117(4) 587-596.
- **Priya P. Gurav**, S.K. Ray, P.L. Choudhari, T. Bhattacharyya, P. Chandran, V. K. Kharche, P. Tiwary and A. K. Biswas (2017). Characterization of some Vertisols of different Agro-ecological regions of India. *Agropedology*, 27(1), 84-92.

- **Priya P. Gurav**, S.K. Ray, P.L. Choudhari, A. K. Biswas and A.O. Shirale (2018). A review on soil potassium scenario in Vertisols of India. *Open Access Journal of Science* (MedCrave), Vol. 2 Issue I.
- A. O. Shirale, B. P. Meena, **Priya P. Gurav**, Sanjay Srivastava, A. K. Biswas, J K Thakur, J. Somasundaram, A K Patra and A Subba Rao (2019) Prospects and challenges in utilization of indigenous rocks and minerals as source of potassium in farming. *Journal of Plant Nutrition*, DOI: 10.1080/01904167.2019.1659353
- B.P. Meena, A.O. Shirale, A.K. Biswas B.L. Lakaria, Pramod Jha, **Priya P. Gurav**, R.H. Wanjari and A.K. Patra (2018) Diversified agriculture for higher productivity and profitability - A review. *Agricultural Reviews* (Print ISSN:0253-1496 / Online ISSN:0976-0539).
- Pushpajeet L. Choudhari, Jagdish Prasad and **Priya P. Gurav** (2019). Characterization and classification of teak-supporting soils in Seoni district of Madhya Pradesh. *Indian Forester*, 145 (4), 343-347.
- Pushpajeet L. Choudhari, Jagdish Prasad and **Priya P. Gurav** (2018). Distribution of DTPA-extractable Fe, Mn, Zn and Cu in teak and sandalwood supporting soils in Seoni district, Madhya Pradesh. *Indian Forester*, 144(1), 73-77.