

Name of Faculty Member: Dr. P. Surendra Babu

Department: Soil Science

Email Address: surendrababu.p@kaveriuniversity.edu.in

1. Research Articles Published

- Kalyani1, K., Sailaja, V. and Surendra Babu, P. 2018.Residual and Cumulative Effects of Organic and Inorganic P on Economics of Soybean (Glycine max L.) - Onion (Allium cepa L.) Cropping Sequence in a High P Alfisol.Int.J.Curr.Microbiol.App.Sci,7(9): 1414-1425
- Jessie Rebecca A., Surendra Babu P. and Chandini Patnaik. M. 2018.Effect of Sulphur and Selenium on Yield, Selenium Content and Antioxidant Properties in Sunflower. International Journal of Current Microbiology and Applied Sciences ,7(04):283-289
- Arvind Kumar Shukla, Nishant Kumar Sinha, Pankaj Kumar Tiwari, Chandra Prakash, Sanjib Kumar Behera, P. Surendra Babu, M.C. Patnaik, J. Somasundaram, Pooja Singh, Brahma Swaroop Dwivedi, Siba Prasad Datta, Mahesh C. Meena, Rahul Tripathi, Amaresh Kumar Nayak, Anil Kumar ,Kriti Shukla, Sahab Siddiqui and Ashok Kumar Patra. 2018. Evaluation of spatial distribution and regional zone delineation for micronutrients in a Semiarid Deccan plateau Region of India.Land Degrad Dev. ,45962
- Srinivas A, Surendra Babu P, Maruthi sankar G.R, Madhavi A and Vidyasagar GEC ISSN:2017.Optimum fertilizer phosphorus requirement for maximum productivity under Rice-Rice and Rice- Sunflower systems in semi-Arid Alfisols. Communications in Soil Science and plant analysis,0010-3624-1532-2416
- Govardhan E., Chandini Patnaik.M. , Surendra Babu.P, Srinivas A. and M, Shankaraiah.M (2017). 2017.Delineation of areas deficient for micronutrients in soils of Chittoor district Int. J. Curre. Microbiol. App.Sci, 6 (8): 512-520
- Govardhan.E, Chandni Patnaik.M., Surendra Babu.P 2017.Mapping and current available Nutrient deficiencies in soils of Chittoor district,.) Int. J. Curre. Microbiol. App.Sci.,6 (9): XX:
- Navatha, N., Vani, K.P., Surendra Babu, P. and Srinivas A. 2017.Response of Growth of Quality Protein Maize (QPM) as Influenced by Sulphur Levels and Method of Application. Int.J.Curr.Microbiol.App.Sci. 6(2): 1113-1122
- Shaikh Wasim Chand, R.Susheela, D. Sreelatha, M. Shanti and P. Surendra Babu 2017.Growth and Yield of baby corn as influenced by zinc fertilization. International Journal of Chemical Studies, 5(6):1362-1364
- Soumya, B ., Vani, K.P., Surendra Babu, P., Praveen Rao , V .and Surekha, K. 2017.Impact of iron nutrition on yield and economics of aerobic rice cultivars. Journal of Pharmacognosy and Photochemistry ,6(5): 1096-1100
- Srinivas A, Surendra Babu P, Madhavi A. Vidyasagar GECH and Maruthi Sankar G. R 2017. Multi location assessment of variability and relationships of phosphorus fixation, fractions, availability and recovery under high P Alfisols. Indian Journal of Soil Conservation,45(3):308-317
- Jessie Rebecca A., Surendra Babu P. Chandini Patnaik. M. and Hussain S. A. 2017.Effect of Selenium, Sulphur and Their Interaction on Yield, Contents and Uptake by Sunflower (Helianthus annus L.). .Int. J. Pure App. Biosci. 5(6):1356-1363
- Madhavi A, Sriyaya T, Ramana Reddy D.V., Pradip Dey and Surendra Babu P, 2017.Soil test crop response (STCR) approach as an optimizing plant nutrient supply on yield and economics of BT cotton. Agriculture Update,12/ Techsear-I,2780-2783
- Sriyaya T, Srinivasa Chari M, Madhavi A, Ramana Reddy D.V., Pradip Dey and Surendra Babu P, 2017.STCR approach for optimizing yield and economics in sunflower. Agriculture Update,12/ Techsear-I,2784-2787
- Jessie Rebecca, P. Surendrababu and M. Chandini Patnaik. 2017.Effect of sulphur and Selenium on bulb yield, selenium content and antioxidant properties in onion (Allium cepa L.). Green Farming. Vol: 8(6):1313-1316
- Govardhan.E, Chandini Patnaik.M., Surendra Babu.P 2017. Multi micronutrient Deficiencies in soils and plants of Chittoor district.Trends in Biosciences,10(24): 5106-5110

- Srinivas, P.Surendra Babu, A.Madhavi, G.E.C.H.Vidyasagar and G.R. Maruthi Sankar, 2016.Effect of Phosphorous Application on Uptake, Yield and Fertilizer Use Efficiency under Rice-Rice and Rice-Sunflower Systems in High P Soils. Agropedology. 26 (02), 132-148.
- A. Madhavi, T. Sriyaya, P. Surendra Babu and D.V. Ramana Reddy 2016.Forms Of Potassium In Different Soils. Progressive Research – An International Journal. Volume 11: 3970-3972.
- Madhavi.A, Surendra Babu.P, Susheela.R and Ramanjaneyulu. 2015.Effect of split application of sulphur on yield and sulphur use efficiency by Soybean using ³⁵S radio isotope. Annals of plant and soil research,17:145- 147
- Govardhan.E, Patnaik.M.C., Surendra Babu.P and Shankaraiah.M 2015.Fertility status of rice soils of Chittoor district in Andhra Pradesh. Progressive Research-An International Journal. Vol.10 (3):1663-1664
- Sriramy V., Madhavi A, Surendrababu P.and Madhavi K.2015.Effect of different levels of P and Zn by rice in high P and Zn sufficient soils. Progressive Research. An international Journal. 10:1773-1777.
- Arvind K.Shuka, P.Surendra Babu, Pankaj K. Tiwari, Chandra Prakash, Ashok K. Patra and M.C. Patnaik (2015)2015.Mapping and frequency distribution of current micronutrient deficiencies in soils of Telangana for their precise management. Indian Journal of Fertilizers. Vol 11 (8):33-47.
- V.,Madhavi, A., Surendra Babu, P. & Venkat Reddy P. 2015. Requirement of phosphorus and its use efficiency by Sunflower in high P soils.J. Oilseeds Res. 32(2)136-138.
- Sri ramya, V., Madhavi, A., Surendra Babu, P. & Madhavi K. 2014.Zinc requirement to rice in high phosphorus and Zinc deficient soil..Progressive Research. Vol.9 :1144-1146
- Madhavi.A and Surendra Babu P. 2014.Effect of split application of sulphur on bulb yield and use efficiency by garlic in light soil. Journal of soils and crops. Vol 24 (2) : 219-225
- Srinivas, D. , Shanti, M. ., Chandrika V. and Surendra Babu. P. 2014.Studies on effect of sewage waters on production and quality of various forage crops under different nitrogen levels. The Journal of Research. ANGRAU, XLII (1) : 58-62
- Surendra Babu P., Madhavi.A and Venkat Reddy.P 2014.Root activity of rice crop under normal (flooded) and SRI method of cultivation. The Journal of Research, ANGRAU 2014. Vol XLII No.2 : 1-4.

2. Bulletins:

Particulars of Soil Fertility Bulletins			
S.No	District	Title	University Publication Number
1	Mahbubnagar	Mahbubnagar District- Soil Fertility Status and Fertilizer Use Guidelines	122/TB/PJTSAU/2018
2	Siddipet	Siddipet District-Soil Fertility Status and Fertilizer Use Guidelines	119/TB/PJTSAU/2018
3	Jagtial	Jagtial District-Soil Fertility Status and Fertilizer Use Guidelines	120/TB/PJTSAU/2018
4	Nagarkurnool	Nagarkurnool District-Soil Fertility Status and Fertilizer Use Guidelines	123/TB/PJTSAU/2018
5	Nizamabad	Nizamabad District-Soil Fertility Status and Fertilizer Use Guidelines	128/TB/PJTSAU/2018
6	Rangareddy	Rangareddy District-Soil Fertility Status and Fertilizer Use Guidelines	131/TB/PJTSAU/2018
7	Vikarabad	Vikarabad District-Soil Fertility Status and Fertilizer Use Guidelines	133/TB/PJTSAU/2018
8	Yadadri	Yadadri District- Soil Fertility Status and Fertilizer Use Guidelines	135/TB/PJTSAU/2018
9	Medchal	Medchal District- Soil Fertility Status and	126/TB/PJTSAU/2018

		Fertilizer Use Guidelines	
10	Rajanna Sicilla	Rajanna Sicilla District- Soil Fertility Status and Fertilizer Use Guidelines	130/TB/PJTSAU/2018
11	Jogulamba Gadwal	Jogulamba Gadwal District- Soil Fertility Status and Fertilizer Use Guidelines	121/TB/PJTSAU/2018
12	Peddapalle	Peddapalle District- Soil Fertility Status and Fertilizer Use Guidelines	129/TB/PJTSAU/2018
13	Kamareddy	Kamareddy District- Soil Fertility Status and Fertilizer Use Guidelines	124/TB/PJTSAU/2018
14	Karimnagar	Karimnagar District- Soil Fertility Status and Fertilizer Use Guidelines	125/TB/PJTSAU/2018
15	Nalgonda	Nalgonda District- Soil Fertility Status and Fertilizer Use Guidelines	127/TB/PJTSAU/2018
16	Suryapet	Suryapet District- Soil Fertility Status and Fertilizer Use Guidelines	132/TB/PJTSAU/2018
17	Wanaparthy	Wanaparthy District- Soil Fertility Status and Fertilizer Use Guidelines	134/TB/PJTSAU/2018
18	Medak	Medak District-Soil Fertility Status and Fertilizer Use Guidelines	115/SP/PJTSAU/2019
19	Sangareddy	Sangareddy District- Soil Fertility Status and Fertilizer Use Guidelines	116/SP/PJTSAU/2019
20	Adilabad	Adilabad District-Soil Fertility Status and Fertilizer Use Guidelines	117/SP/PJTSAU/2019
21	Komaram Bheem Asifabad	Komaram Bheem Asifabad District- Soil Fertility Status and Fertilizer Use Guidelines	118/SP/PJTSAU/2019
22	Nirmal	Nirmal District-Soil Fertility Status and Fertilizer Use Guidelines	119/SP/PJTSAU/2019
23	Mancherial	Mancherial District-Soil Fertility Status and Fertilizer Use Guidelines	120/SP/PJTSAU/2019
24	Khammam	Khammam District- Soil Fertility Status and Fertilizer Use Guidelines	121/SP/PJTSAU/2019
25	Bhadradri Kothagudem	Bhadradri Kothagudem District-Soil Fertility Status and Fertilizer Use Guidelines	122/SP/PJTSAU/2019
26	Warangal Rural	Warangal Rural District-Soil Fertility Status and Fertilizer Use Guidelines	123/SP/PJTSAU/2019
27	Warangal Urban	Warangal Urban District-Soil Fertility Status and Fertilizer Use Guidelines	124/SP/PJTSAU/2019
28	Jayashankar Bhupalpally	Jayashankar Bhupalpally District-Soil Fertility Status and Fertilizer Use Guidelines	125/SP/PJTSAU/2019
29	Mahabubabad	Mahabubabad District-Soil Fertility Status and Fertilizer Use Guidelines	126/SP/PJTSAU/2019
30	Jangaon	Jangaon District- Soil Fertility Status and Fertilizer Use Guidelines	127/SP/PJTSAU/2019