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| <p>Dr. Amrit Lal Meena Scientist (Soil Science)</p> <p>Email : amrit.iari@gmail.com; amrit.meena@icar.gov.in Phone No: +91-121-2888711;2888811 (O) : +91-121-2576777 (R) Mobile No. :+91-9897727645;</p> |  |
| <p>Qualification</p> | <p>Ph. D Soil Science</p> |
| <p>Specialization</p> | <ul style="list-style-type: none"> • Basic, strategic and applied research in areas of soil chemistry & fertility, soil microbiology, conservation agriculture, and organic farming. |
| <p>Area of interest</p> | <ul style="list-style-type: none"> • Carbon dynamics, carbon sequestration and soil biodiversity with different nutrient management practices. |
| <p>Experience profile</p> | <ul style="list-style-type: none"> • Joined ARS on 01st January, 2015. • Scientist at ICAR-IIFSR, Modipuram from 10th April, 2015. |
| <p>Total publications</p> | <p>30</p> |
| <p>Selected publications</p> | <ol style="list-style-type: none"> 1. Amrit Lal Meena, R.N. Pandey, Dinesh Kumar, M.L. Dotaniya, V.K. Sharma , Geeta Singh, Bharat Prakash Meena , Amit Kumar and Chandra Bhanu (2020): Impact of 12-year-long rice based organic farming on soil quality in terms of soil physical properties, available micronutrients and rice yield in a typic Ustochrept soil of India, Communications in Soil Science and Plant Analysis. DOI:10.1080/00103624.2020.1822386. (NAAS:6.69) 2. Amrit Lal Meena, Pramod Jha, M. L. Dotaniya, Bipin Kumar, B. P. Meena and R. L. Jat 2020. Carbon, Nitrogen and Phosphorus Mineralization as Influenced by Type of Organic Residues and Soil Contact Variation in Vertisol of Central India. Agricultural Research 9(2):232–240. (NAAS:5.90) 3. A.L. Meena, R.N. Pandey, Dinesh Kumar, V.K. Sharma, S.P. Datta and Geeta Singh, 2019. Relative impacts of long-term nutrient management practices on nitrogen dynamics in rice (<i>Oryza sativa</i>)-based organic cropping systems of Indo-Gangatic Plains. Indian Journal of Agricultural Sciences 89(1):79-86. (NAAS:6.22) 4. Debashis Dutta, A.L. Meena, Chethan Kumar G, R.P. Mishra, P.C Ghasal , Amit Kumar, Jairam Chaudhary, Chandra Bhanu, Vaibhav Kumar, Ankur Kumar, R.B Tewari and A.S Panwar. 2020. Long term effect of organic, inorganic and integrated nutrient management on phosphorous dynamics under different cropping systems of Typic Ustochrept soil of India. Communications in Soil Science and Plant Analysis DOI:10.1080/00103624.2020.1849258. (NAAS:6.69) 5. Mahaveer Nogiya, Raghu Nath Pandey, Bhupinder Singh, Geeta Singh, Mahesh Chand Meena, Samar C. |

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| | <p>Datta, Sanatan Pradhan and Amrit Lal Meena. 2019. Responses of aerobically grown iron chlorosis tolerant and susceptible rice (<i>Oryza sativa</i> L.) genotypes to soil iron management in an Inceptisol. Archives of Agronomy and Soil Science 65(10): 1-9. (NAAS: 7.68).</p> <p>6. Debashis Dutta, N. Ravisankar, R. P. Mishra, N. K. Jat, Amit Kumar, P. C. Ghasal, A. L. Meena, R.B. Tewari, Vaibhav Kumar, Kautilya Chaudhary, Shweta Singh, and A. S. Panwar. 2019. Long-term influence of different production systems on potassium buffering capacity of Typic Ustochrept soil. Journal of Plant Nutrition 42(13): 1472–1482. (NAAS: 6.75)</p> <p>7. R L Jat, Pramod Jha, ML Dotaniya, BL Lakaria, I Rashmi, BP Meena, AO Shirale and AL Meena. 2018. Carbon and nitrogen mineralization in Vertisol as mediated by type and placement method of residue. Environmental monitoring and Assessment 190:439. (NAAS: 7.96).</p> <p>8. Debashis Dutta, DK Singh, N Subash, N Ravisankar, Vinod Kumar, AL Meena, RP Mishra, Shweta Singh, Vaibhav Kumar and AS Panwar. 2018. Effect of long-term use of organic, inorganic and integrated management practices on carbon sequestration and soil carbon pools in different cropping systems in Tarai regions of Kumayun Hills. Indian Journal of Agricultural Sciences 88(4)523-529. (NAAS: 6.22).</p> <p>9. M.L. Dotaniya, S.C. Datta, D.R. Biswas, H.M. Meena, Rajendiran S and A.L. Meena. 2016. Phosphorus dynamics mediated by bagasse, press mud and rice straw in Inceptisol of North India. Agrochimica 59(4): 358-369. (NAAS: 6.65).</p> <p>10. Arti Yadav, V. K. Suri, Anil Kumar, Anil K. Choudhary & Amrit L. Meena(2015) Enhancing Plant Water Relations, Quality, and Productivity of Pea (<i>Pisum sativum</i> L.) through Arbuscular Mycorrhizal Fungi, Inorganic Phosphorus, and Irrigation Regimes in an Himalayan Acid Alfisol, Communications in Soil Science and Plant Analysis, 46:1, 80-93. (NAAS: 6.69).</p> |
| <p>Awards (in bullet form)</p> | <ul style="list-style-type: none"> • Member of Editorial Board of Agriculture and Food e-New letter during 2019-2022. • Member of Editorial Board of International Journal of Engineering & Science Research. • obtained national talent scholarship from ICAR in 2004-2008 during B.Sc. (Ag.) Hons. Study. • Junior Research Fellowship from ICAR through All India Entrance Examination for Agriculture for Master’s degree programme in 2008. • Rajiv Gandhi National Fellowship of UGC for Doctoral Degree (2011-2015). |