



Dr. Lalit Krishan Meena

Scientist (Plant Physiology)

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1. Date of birth : 30-06-1986
2. Education Qualification : Ph.D. AAU, Anand, Gujarat (2015);
M.Sc. (Plant Physiology), UAS, Dharwad, Karnataka (2011);
B.Sc. (Agriculture), SDAU, Dantiwada, Gujarat (2009).
3. Joining Date in ICAR : 01-01-2015
4. Joining Date in ICAR-DRMR : 11-08-2020
5. Subject/Specialization : Plant Physiology
6. Training/advance exposure in the area of work : Obtain training on “Phenomics, the next generation phenotyping (NGP), the trait dissection and crop improvement” held during 22 – 31 October 2018 at ICAR-IARI, New Delhi.

7. Contribution to the Scientific advancement

- Evaluated of sugarcane, potato, rice and soybean varieties/hybrids for indo-gangetic plain under organic and inorganic conditions.
- Evaluated of sorghum, mustard, ber, guava, citrus and pomegranate varieties/hybrids for indo-gangetic plain.
- Studied the effect of various seed priming agents on seed quality parameters and biochemical changes in germination process of legumes.
- Standardized technology for vegetative propagation of dragon fruit treated with IBA.

8. Current Research Projects & Future planning of research

- Seedling and terminal stage stress
- Vernalization and flowering induction
- Phenotyping evaluation

9. Awards/Recognitions

- Best Paper presentation award in National Conference on “Intervention of Climate Change in Sustainable Development of Agriculture, Food and Nutrition Security and its Amelioration” (24-25 March, 2017) at Swami Vivekanand Subharti University, Meerut (U.P.).
- Second Best Poster in International Conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development (27-28 October, 2017) at C.C.S. University, Meerut (U.P.).
- First prize in poster presentation during Hindi Pakhwada (14-28 September, 2018).

10. Publication (Research Paper- Best10)

- **L.K. Meena**, B.B. Channppagoudar, M.K. Meena and Chethan Kumar G. (2019). Influence of organics on various growth parameters and yield of clusterbean genotypes. *International Journal of Chemical Studies*. 7(3):1438-1441. (NAAS Score 5.31)
- Devendra Kumar, L.R. Meena, **L.K. Meena** and S.P. Singh (2018). Stability analysis for cane and sugar yield of advanced sugarcane (*Sacchrum officenarum*) genotypes. *Indian Journal of Agriculture Sciences* 88(3):515-519. (NAAS Score 6.23)
- L.R. Meena, S.A. Kochewad, Vinod Kumar, Suresh Malik, Sanjeev Kumar, **L.K. Meena**, Amrit Lal Meena and A.S. Panwar (2018). Status of fodder production in the existing farming systems in Muzaffarnagar district of Uttar Pradesh. *Range Management and Agroforestry*. 39(2):313-318. (NAAS Score 6.64)
- Devendra Kumar, Sanjeev Kumar, **Lalit Krishna Meena**, L.R. Meena and S.P. Singh (2018). Stability analysis of sugarcane genotype for metric and quality traits by AMMI Model. *Indian Journal of Agriculture Sciences* 88(4):657-664. (NAAS Score 6.23)
- Sanjeev Kumar, Shiva Dhar, R.S. Yadav, M. Chandrakala, S.A. Kochewad, L.R. Meena, **L.K. Meena**, Magan Singh, Arpan Bhowmik (2018). Effect of integrated K management on productivity and nutrient use efficiency of maize-wheat cropping system. *Int. J. Curr. Microbol. Applied Sci.* 7 (8):1052-1061. (NAAS Score 5.38)
- Sanjeev Kumar, Shiva Dhar, Sharmistha Barthakur, M. Chandrakala, S.A. Kochewad, L.R. Meena, **L.K. Meena**, Sudhir Kumar, Magan Singh and Dileep Kumar (2018). Effect of Integrated Potassium Management on Soil Biological Properties and Yields of Corn under Corn-Wheat Cropping System. *Int. J. Curr. Microbiol. App. Sci.* 7(12): 1855-1866. (NAAS Score 5.38)
- Sunil Kumar, A.S. Panwar, R.K. Naresh, Prem Singh, N.C. Mahajan, Udit Choudhary, Sudhir Kumar, Manaxi Malik, A.L. Meena, P.C. Ghasal, **L.K. Meena** and Jairam Chowdhary (2018). Improving Rice-Wheat Cropping System through precision nitrogen management: A Review. *Journal of Pharmacognosy and Phytochemistry* 7(2): 1119-1128. (NAAS Score 5.21)
- B.K. Meena, G.S. Chouhan, V.K. Meena, S. Singh and **L.K. Meena** (2017). Response of Chandrasur (*Lepidium Sativum* L.) to Sowing Durations and Stand Geometries. *Chemical Science Review and Letters*. 6(22): 850-856. (NAAS Score 5.21)
- Sunil Kumar, M. Shamim, A.S. Panwar, R.K. Naresh, Devraj Mishra, Poonam Kashyap, Vipin Choudhary, P.C. Ghasal, Jairam Chaudhary, **L.K. Meena** and A.L. Meena (2018). Towards a new generation of agricultural system data, models for sugarcane based integrated farming system of western plain zone of Uttar Pradesh. *Int. J. Agricult. Stat. Sci.* 14(1): 453-461. (NAAS Score 5.13)
- L. R. Meena, **L.K. Meena**, A. L. Meena and S.P. Singh (2017). Effect of organic nutrient management on intercropping systems of Cenchrus and Dolichos Lab Lab for quality fodder production and for improving soil health under semi-arid conditions of Rajasthan. *Forage Research*. 43(3): 202-207. (NAAS Score 4.48)

Other information

Google scholar - https://scholar.google.co.in/citations?user=0UI_bJUAAAAJ&hl=en

Research gate - https://www.researchgate.net/profile/Lalit_Meena9