

Profile

Dr. Narayan Lal



Designation: Scientist (Hort. Fruit Science)
Division of Soil Chemistry and Fertility

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Research specialization:

Fruit Crop Improvement, Fruit Breeding, Crop Production

Conservation and characterization of fruit crops, hybridization and crop improvement in litchi through conventional breeding, productivity and quality improvement through integrated nutrient management

Professional Experience:

Position held	Institution	Year
Scientist	ICAR-NAARM, Hyderabad	1 st January, 2013 to 10 th April, 2013
Scientist	ICAR-National Research Centre on Litchi, Muzaffarpur-842004, Bihar	11 th April, 2013 to 31 st December, 2018
Scientist (Sr. Scale)	ICAR-National Research Centre on Litchi, Muzaffarpur-842004, Bihar	1 st January, 2018 to 23 rd December, 2019
Scientist (Sr. Scale)	ICAR- Indian Institute of Soil Science, Nabibagh, Berasia Road, Bhopal	24 th December, 2019 to till date

Awards and Honours:

ICAR-JRF for M.Sc. (Agri)	2008
ICAR-SRF for Ph.D. (Agri)	2015
Fellow of Confederation of Horticultural Association of India	2014
Best Ph.D. Thesis Award	2019
Young Scientist Award	2019

Top Ten publications:

- **Lal N**, Das, RP and Verma, LR. 2013. Effect of plant growth regulators on flowering and fruit growth of guava (*Psidium guajava* L.) cv. Allahabad Safeda. *Asian Journal of Horticulture*, 8(1):54-56.
- **Lal N** and Das RP. 2017. Effect of plant growth regulators on yield and quality of guava (*Psidium guajava* L.) cv. Allahabad Safeda. *International Journal of Current Microbiology & Applied Science*, 6(5): 857-863.
- **Lal N**, Gupta AK and Nath V. 2017. Fruit Retention in Different Litchi Germplasm Influenced by Temperature. *International Journal of Current Microbiology & Applied Science*, 6(12): 1189-1194.
- **Lal N**, Pandey SK, Nath V, Gontia AS and Sharma HL. 2018. Evaluation of litchi (*Litchi chinensis* Sonn.) genotypes for fruit quality attributes. *International Journal of Chemical Studies*, 6(3): 2556-2560.
- **Lal N**, Pandey SK, Nath V, Agrawal V, Gontia AS and Sharma HL. 2018. Total phenol and flavonoids in by-product of Indian litchi: Difference among genotypes. *Journal of Pharmacognosy and Phytochemistry*, 7 (3): 2891 – 2894.
- **Lal N**, AK Gupta, Marboh ES, Kumar A and Nath V. 2019. Effect of pollen grain sources on fruit set and retention in ‘Shahi’ litchi. *Multilogic in science*, 9(29): 152-156.
- **Lal N**, AK Gupta, Marboh ES, Kumar A and Nath V. 2019. Effect of Pollen Grain Sources on Success of hybrids in ‘Bedana’ Litchi. *International Journal of Bio-resource and Stress Management*, 10(3):241-245.
- **Lal N**, Singh A, AK Gupta, Marboh ES, Kumar A and Nath V. 2019. Precocious Flowering and Dwarf NRCL-29-A New Genetic Stock of Litchi (*Litchi Chinensis* Sonn.). *Chemical Science Reviews and Letters*, 8 (32): 206-210.
- **Lal N**, Marboh ES, Gupta AK, Kumar A, Dubedi Anal AK and Nath V. 2019. Variation in leaf phenol content during flowering in litchi (*Litchi chinensis* Sonn.). *Journal of Experimental Biology and Agricultural Sciences*, 7(6): 569 – 573.
- **Lal N** and Nath V. 2019. Effect of plant age and stress on flowering in litchi (*Litchi chinensis*). *Current Horticulture*, 8 (1): 24-27.