

# Publications

## Research Papers (International/ National)

1. Attri BL, Mer MS, Kumar A, Narayan R, and Kishor A. 2016. Phyto-chemical characters of kiwi fruit (*Actinidia chinensis*) var. Allison affected by different stages of growth. *Annals of Horticulture* 9(1): 53-57.
2. Brijwal M, Dimri DC, Kishor A and Mishra DS. 2016. Effect of pollination methods on fruit set and physical characteristics of litchi fruits. *Indian Journal of Horticulture* 73(2): 165-170.
3. Brijwal M, Dimri DC, Kishor A, Mishra DS, Tiwari VK and Mer MS. 2017. Effect of plant bio-regulators and micro-nutrient on chemical characteristics of Litchi (*Litchi chinensis* Sonn.). *Ecology Environment & Conservation*, 23 (February Suppl.): S71-S74.
4. Govindasamy V, Raina SK, George P, Kumar M, Rane J, Minhas PS, Vittal KPR. 2017. Functional and phylogenetic diversity of cultivable rhizobacterial endophytes of sorghum (*Sorghum bicolor* (L.) Moench). *Antonie Van Leeuwenhoek*. DOI. 10.1007/s10482-017-0864-0
5. Khan KA, Nabi SU, Dar MS, Khan NA. 2017. Correlation of different weather parameters with Blumeriella Leaf Spot Disease development and disease intensity in Kashmir Valley. *Environment & Ecology* 35 (1):165—168.
6. Khan KA, Nabi SU, Khan NA. 2016. Evaluation of different fungicides for effective management of Blumeriella Leaf Spot of cherry in Kashmir valley. *Indian Phytopathology* 69(3): 314-315.
7. Khan KA, Nabi SU, Khan NA. 2017. Identification of *Cylindrosporium padi* associated with leaf spot disease of cherry in Kashmir Valley. India. *Journal of Phytopathology and Pest Management* 3(3): 43-52
8. Kishor A, Attri BL, Brijwal M, Kumar A, Narayan R, Singh DB, Debnath S, Mer MS and Tiwari VK. 2016. Physico-chemical characterization of wild apple (*Malus baccata*) in Kumaon hills of Uttarakhand. *Ecology Environment & Conservation*. 22 (December Suppl.): S285-S289.
9. Kishor A, Verma SK, Brijwal M, Kumar A, Attri BL, Narayan R. and Debnath S. 2017. Evaluation of genetic diversity in wild pear (*Pyrus pashia*) under Kumaon hills of Uttarakhand. *Environment & Ecology* 35 (1B): 524-529.
10. Kumar A and Sharma JN. 2016. Evaluation of post-symptom activities of fungicides against *Marssonina coronaria* causing premature leaf fall in apple. *Indian Phytopathology* 69(3): 278-285.
11. Kumar D, Lal S and Ahmed N. 2016. Genetic diversity among plum genotypes in North West Himalayan region of India. *Indian Journal of Agricultural Sciences* 86(5): 666–72.
12. Kumar M, Raina SK, Govindasamy V, Singh AK, Choudhary RL, Rane J and Minhas PS. 2017. Assimilates mobilization, stable canopy temperature and expression of expansin stabilizes grain weight in wheat cultivar LOK-1 under different soil moisture conditions. *Botanical Studies* 58:14.
13. Lal S and Singh DB. 2016. Genetic divergence among 22 strawberry (*Fragaria x Ananassa*



- Duch.) genotypes for bioactive compounds grown in northwest Himalayas. *SAARC Journal of Agriculture* 14 (1): 81-91.
14. Lal S, Ahmed N, Verma MK, Sharma OC and Mir JI. 2017. Genetic variability, character association and path analysis for yield and yield contributing traits in peach. *Indian Journal of Horticulture* 73 (4): 465-469.
  15. Lal S, Singh SK and Srivastav M. 2017. Phenotyping of mango genotypes for fruit shape and size related traits for association mapping studies. *Green Farming* 8(1):75-79.
  16. Lal S, Singh SK, Singh AK, Srivastava M, Singh A and Singh NK. 2016. Character association and path analysis for fruit chromatic, physico-chemical and yield attributes in mango (*Mangifera indica* L.). *Indian Journal of Agriculture Sciences*. 87(1):122-126.
  17. Malik Hussain Aabid, Nathar Varsha Nitin, Mir JI. 2017. GC-MS analysis of methanolic extracts of *Ruta graveolens* L. for bioactive compounds. *Am. J. PharmTech Res.* 7(2):315-324.
  18. Mer Mukesh, Attri BL, Kumar Anil and Narayan Raj. 2016. Varietal performance in physio-chemical properties of peach (*Prunus persica*) grown in Uttarakhand, India. *Agriculture Science Digest* 36(1): 75-77.
  19. Mir JI, Ahmed N, Singh DB, Sharma OC, Sharma A, Shafi W, Zaffer S and Hamid A. 2016. Effect of planting densities on productivity of different cultivars in apple (*Malus x domestica*). *Indian Journal of Agricultural Sciences* 86 (8):1059-62
  20. Mir JI, Qadri RA, Ahmed N, Khan MH, Shafi W, Zaffar S and Hamid A 2016. Morphological and biochemical variants of saffron potential candidates for crop improvement. *Journal of Cell and Tissue Research*. 16(1):1-8.
  21. Raina SK, Govindasamy V, Mahesh K, Singh AK, Rane J, Minhas PS. 2016. Genetic variation in physiological responses of mungbeans (*Vigna radiata* (L.)Wilczek) to drought. *Acta Physiologiae Plantarum*. 38: 268
  22. Raina SK. 2017. Wounding activates a 47 kDa MAP Kinase in *Catharanthus roseus* (L.) G. Don. *Indian Journal of Experimental Biology*. 55: 107-112.
  23. Sajjanar B, Deb R, Raina SK, Pawar S, Brahmane MP, Nirmale AV, Kurade NP, Manjunathareddy GB, Bal SK, Singh NP. 2017. Untranslated regions (UTRs) orchestrate translation reprogramming in cellular stress responses. *Journal of Thermal Biology* 65: 69-75.
  24. Shah UN, Mir JI, Ahmed N, Fazili KM. 2016. Assessment of germplasm diversity and genetic relationships among walnut (*Juglans regia* L.) genotypes through microsatellite markers. *Journal of the Saudi Society of Agricultural Sciences*. Doi.org/10.016/j.jssas.2016.07.005.
  25. Sharma A, Sharma V, Arora S, Arya VM, Maruthi GR and Jalali VK. 2016. Potassium fixation capabilities of some Inceptisols belonging to plain and sub-mountain region. *Journal of the Indian Society of Soil Science*. 64(4): 368-380.
  26. Sharma OC, Singh DB, Zahoor S, Padder BA and Haji SA. 2016. Gynodioecious behavior in some walnut genotypes-a new report. *Journal of Hill Agriculture* 7(2):283-285.
  27. Sharma OC, Singh DB, Zahoor S, Padder BA and Haji SA. 2016. Shoot deformation in alstroemeria- a new report. *Journal of Hill Agriculture* 7(2): 286-287.
  28. Singh NK, Mahato AK, Jayaswal PK, Singh A, Singh S, Singh N, Rai V, Mithra ASV, Gaikwad K, Sharma N, Lal S. 2016. Origin, diversity and genome sequence of mango (*Mangifera indica* L.). *Indian Journal of History of Science* 51(2): 355-368.