

RESEARCH PUBLICATIONS IN NATIONAL/ INTERNATIONAL JOURNALS 2019

1. Ahamad, Shahid and Banarsi Lal (2019). Organic Farming in Jammu Region of J&K State, India. *Current Investigations in Agriculture and Current Research*. DOI: 10.32474/CIACR.2019.07.000265. Volume 7 - Issue 3 . 958-61.
2. Ahmed, J.A., Nashiruddullah, N., Dutta, D., Hussain, I., Baruah, A., and Dutta, A. 2019. Effect of heat stress and amelioration by antioxidants on expression profile of pro and anti-apoptotic genes in *in-vitro* matured bovine oocytes. *International Journal of Current Microbiology and Applied Sciences*, 8(2): 2394-2403.
3. Ahmed, J.A., Nashiruddullah, N., Kour, J., and Chakraborty, D. 2019. Acute effect of intravenous ethanol on electrocardiogram of New Zealand white rabbits. *International Journal of Current Microbiology and Applied Sciences*, 8(2):125-130.
4. Allende-Alonso, S. Bouza-Herrera, C. N., Rizvi ,S. E. H. and Sautto-Vallejo, J. M. 2019. Big data and the central limit theorem: A statistical legend. *Revista Investigacion Operacional*, 40 (1), 112-123.
5. Anil Bhat and Akash Sharma. 2019. Optimizing fruit production and marketing in Jammu for doubling farmers' income. *Indian Horticulture*. 64(1): 7-10.
6. A.K. Raina. (2019). POLICY PAPER : Strengthening of water resources and their effective utilisation in rainfed areas of Jammu: revival, rejuvenation, rain water harvesting and drought management". State Water Resources Regulatory Authority J&K Govt. Research & Policy Papers Series-III. [Jkswrra.nic.in/Research Paper/Paper%203.docx](http://Jkswrra.nic.in/ResearchPaper/Paper%203.docx). P- 1 to 31
7. Arora, R.K.,Sharma, P.K.,Kumar, P., Singh, R. and Chahal, V.P. 2019. Evaluation of Recommended Maize Production Technology in Kandi Areas under Farmer FIRST Programme. *Journal of Community Mobilization and Sustainable Development*, 14(1): 131-136.(NAAS Score 5.30)
8. Arsalan Ganai, Naveed Hamid, Sudhakar Dwivedi, Jyoti Kachroo and JS Manhas. (2019). Influence of packaging elements of ready to eat food products on buying behavior, *Journal of Pharmacognosy and Phytochemistry*. 8(2):189-194.
9. Bhushan,Anil, Sharma Vikas, Gupta Vinod, Sharma Rohit, Gupta Saurabh and Kumar Deepak. 2019. Organic seed production in okra var., Seli Special in mid hills of North Western Himalyan region. *Eco. Env. And Cons.* 25 (1): 423 – 426.
10. Bhushan,A.,Sharma,V.,Gupta,V.,Sharma,R.,Gupta, S. and Kumar, D.V.V.2019. Organic seed production in okra var.Seli special in mid hills of north-western Himalayan region. *Ecology, Environment and Conservation*, 25(1): 424-427.(NAAS Score 4.89)
11. Chanoria, A., Kumar, P., Ahmed, R. And Shah, M. 2019. Analysis of Time Utilization Pattern of Rural Women Engaged in Livestock Rearing as Compared to Men Folk. *International Journal of Livestock Research*,9 (4): 212-217
12. Choudhary, P., Sharma, R., Gularia, V., Gupta, S. K. and Tandon, V. 2019. Terminalia chebula Retz. (Harad) for Livelihood Security of Farmers of Kandi Villages of Jammu Region of Jammu and Kashmir, *Indian Forester*, 145(3):275-278.(NAAS Score 4.38)
13. Danish, Faizan and Rizvi, S.E.H. 2019. Optimum stratification by two stratifying variables using mathematical programming. *Pakistan Journal of Statistics and Operation Research*. 35(1). 11-24.
14. Gangoliya, S.R., Kumar, S., Alam, S.I., Sharma, H.K., Singh, M., Kotwal, S.K., Berri, M. And Kamboj, D.V. 2019. First molecular and serological evidence of *Coxiellaburnetti* infection among sheep and goats of Jammu province of India. *Microbial Pathogenesis*, 130: 100-103.
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16. Ghosh, M., Sharma N., Gera M., Kim N.E., Sodhi S.S., Pulichera K.K., Huynh D., Kim D.C., Zhang J.J., Kwon T., Do K.T., Lee H.K., Song, K.D. and Jeong D.K. 2019. The first comprehensive description of the expression profile of genes involved in differential body growth and the immune system of the Jeju Native Pig and Miniature Pig. *Amino Acid*, 51(3):495-511.
17. Godara, R., Katoch, R., Rafiqi, S.I., Yadav, Anish, Nazim, K., Sharma, R., Singh, N.K. and Katoch, M. 2019. Synthetic pyrethroid resistance in *Rhipicephalus (Boophilus) microplus* ticks from north-western Himalayas, India. *Trop. Anim. Hlth. Prod.*
18. Gupta, P., Ishar, A., Prakash, S., Sharma, V and Chakroborty, D. 2019. Constraints faced by the Dairy farmers in Rajouri district of J & K while adopting livestock management practices. *Indian Journal of Extension Education*,55(01):168 -171.
19. Gupta, S.K., Khare, P.V., Sehgal, S., Kumar R. and Slathia P.S. Socio-personal Dynamics of Adoption of Different Agroforestry Systems in Sub-tropics of Jammu and Kashmir *Indian Journal of Ecology* March 2019. 46(1): 184-187.
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21. Gupta,P., Ishar, A., Prakash, S., Sharma, V. and Chakroborty, D. 2019. Backyard poultry farming: A Suitable intervention for upliftment of socio economic status of marginal farmers in Rajouri district of J&K. *Journal of Pharmacognosy and Phytochemistry*,8(Sp.2):165-167.(NAAS Score 5.21)
22. Iqbal, T., Nanda, R., Peshin, R., and Bagal. Y. S. 2019. A Study on Socio- economic Status of Gujjars and Bakerwals of Jammu Division of India. *Asian Journal of Agricultural Extension, Economics & Sociology* 29 (1): 1-6.
23. Jahangir Ali, Jyoti Kachroo, Deep ji Bhat, S.E.H.Rizvi, B.C.Sharma and Sudhakar Dwivedi. 2019. Analysis of Resource use Efficiency in Apple Production on Outer Himalayan Range of Chenab Valley. *Economic Affairs*. 64 (1): 69-76.
24. Jamwal, A., Jamwal, S., Ajrawat, B., Kumar, A. and Sharma, N.2019. Impact of Vocational Trainings on Knowledge Gain of Mushroom Trainees. *Research Journal of Agricultural Sciences*,10(2): 321-23.(NAAS Score 4.54)
25. Jeelani, R., Konwar, D., Khan, A., Kumar, D., Chakraborty, D., Brahma, D. 2019. Reassessment of temperature-humidity index for measuring heat stress in crossbred dairy cattle of a sub-tropical region. *Journal of Thermal Biology*.82:99-106
26. Komal Dogra, R. Kumar, P. Bakshi , A. Bhat and K. Kour (2019) Effect of foliar application of potassium and plant growth regulators on vegetative characteristics of kinnow mandarin under rainfed condition *International Journal of Chemical Studies*, 7(2): 447-449.
27. Kour, Amardeep; Kumar, Bupesh; Singh, Bikram, Attri, Heena and B.K Sandeep 2019. Generation mean analysis for yield and grain quality traits in rice (*Oryza sativa* L). *Electronic Journal of Plant Breeding* 10(1):289-292
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32. Mubina Banoo, N.K.Gupta, Sushmita M. Dadhich, Sanjay Khar (2019). Climate Change and its impact on Wheat Productivity in Ranbir Canal Command in Jammu district. International Symposium on “Advances in Agrometeorology for Managing Climate Risks of Farmers”(INAGMET-2019). 11-13 FEBRUARY2019, JNU, New Delhi
33. Mushtaq M., Agrawal R., Bhat A. M., Singh R. And Pande N. 2019. Antibiotic resistance gene typing in *Staphylococcus aureus* isolated from bovine mastitis. *Indian Journal of Animal Science*, Accepted under printing. 6.28.
34. Mushtaq M., Agrawal R., Singh R., Pande N. And Bhavna. 2019. Immunomodulatory effect of levamisole therapy in pre-parturient dairy cows. *Intas Polivet*, 20 (I) Accepted under printing (NAAS: 4.79).
35. Mushtaq M., Agrawal R., Singh R., Pande N. And Bhavna. 2019. Effect of prepartum levamisole therapy on postpartum udder health of dairy cows Haryana Veterinarian, Accepted under printing. (NAAS: 5.3).
36. Ola, S., Sharma, N., Sharma., B. C, Kumar, A., Chand, G. and Puniya, P. 2019. Optimization of phosphorus and potassium levels for productivity enhancement of fine rice in irrigated sub tropics of Jammu. *Journal of Pharmacognosy and Phytochemistry*, 8(2):1329-1332.
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39. Raina, S., Sharma, V., Kour, N. and Sharma, S. 2019. Increased risk of different types of cancer in the State of Jammu and Kashmir: A Comprehensive Review. *World Journal of Pharmacy and Pharmaceutical Sciences.* 08 (4):1427-1436
40. Sanjeev Kumar, Anil Kumar, SonikaJamwal, VikasAbrol, A.P.SinghBrinder Singh and Jai Kumar, (2019).Divergence studies of blackgram (*Vignamungo* L) for selection of drought tolerant genotypes under rainfed conditions of North Western Himalayas in J&K, India. *Legume Research Print ISSN:0250-537.*
41. Sharma, P., Raina, R., Verma, P.K., Singh, P., Nashiruddullah, N., Kour, H. 2019. Nephroprotective potential of *Cynara scolymus* L. Floral extract in cisplatin induced nephrotoxicity in rats. *Journal of Pharmacognosy and Phytochemistry* 8(1): 2074-2082.
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43. Sharma, P.K. and Dwivedi, S. 2019. Forecasting Maize Production in India using ARIMA Model. *Agro Economist - An International Journal*5(1), 01-06.(NAAS Score 3.18)
44. Singh, A.P., R. Singh, A.M. Bhat, A. Tikoo and A.K. Pathak. 2019. Effect of UMMB supplementation on Metabolic and oxidative parameters in Rambouillet Cross Sheep during Peripartum Period. *Indian J. Anim. Nutr.* 2019. 36 (1):17-24. Doi: 10.5958/2231-6744.2019.00003.3 (NAAS: 5.02).
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46. SK Singh, Vishaw Vikas, Reena, Satish Kumar, N Panotra and Amitesh Sharma. 2019. Relative efficacy of *Bacillus thuringiensis* against *Spodopteralitura* (Fab.) on okra grown under differential organic manure application. *Journal of Entomology and Zoology Studies*7(1): 1596-1599.
47. Slathia, P.S., Kumar, R., Paul, N., Sharma, B.C., Peshin, R., and Gupta, S.K. Traditional water mills (Gharats)- A source of rural livelihood in mountainous region of Jammu & Kashmir, *Indian Journal of Traditional Knowledge*, 17(3): 569-75.(NAAS Score 7.06)

48. SonikaJamwal, AnamikaJamwal, UpmaDutta, A.C.Jha, Anil Sharma,Reena and Brinder Singh (2018). Efficacy of fungi toxicants and bio control agents against *Fusariumoxysporumf.sp.ciceri*.*International Journal of Current Microbiology and Applied Sciences*7(8):4592-4598.
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b. Books (only published)

1. **Ahamad,Shahid.** and Jag Paul Sharma (2019).**Transformation of Agriculture trough Innovative Technologies.** Published by Astral Publishing House, New Delhi. pp 450. ISBN:978-93-5124-982-5.
2. Jag Paul Sharma and **Ahamad,Shahid.**(2019). **Farm Technologies Developed By SKUAST Jammu.** Published by Directorate of Research, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Main Campus,Chatha-180009, (J&K), India .190 pp.
3. Dipanjali, Silpa Sood and **Ahamad, Shahid** (2019).**Transforming Rural Areas through Veterinary Science..** Published by Daya Publishing House, New Delhi..pp 342. **ISBN:978-93-88982-14-6.**
4. NaushadAlam,QJ Ahmad Peer and Banarsi Lal.*Technical Report Writing and Research Methodology.* 2019.*Bioscientific Publisher,* New Delhi.
5. Neetu Sharma, B.C.Sharma and Akhil Verma, *Practical Manual on Fundamentals of Agronomy*
6. *Question Bank in Veterinary Physiology* (2019). Author: Dr.Jonali Devi. Publisher: Narendra Publishing House. ISBN: 978-93-87590-75-5.
7. *Recent Trends in Nutrition and Disease Management in Sheep and Goats* (2019). Sharma, R. K., Pathak, A. K. And Risam, K. S. Division of Animal Nutrition, Faculty of Veterinary Sciences& Animal Husbandry, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (J & K), India. Pp. 1-110. (ISBN: 978-93-5351-334-4).
8. *Recent Updates in Small Ruminants' Production and Product Processing* (2018). Compendium of a training program under National Livestock Mission, organized by FVSc & AH, SKUAST-Jammu in collaboration with Sheep Husbandry Department, Jammu. Compiled and Edited by Kumar, S., Rastogi, A., Nashiruddullah, N. and Zama, M.M.S. ISBN: 978- 93- 5346- 797-5
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10. S. K. Gupta, Aditya Pradap, Vanya Bawa, and **S. K. Rai** (2019). *Crop Genetic Biodiversity with Special Reference to Oilseed Brassicas and Wild Allies "Natural Resource Management: Ecological Perspectives.* Springer-Nature Switzerland". Pp 47-62.
11. **S. K. Rai,** Vanya Bawa, Zahoor Ahmad Dar, N. R. Sofi, S. S. Mahdi, and Asif M. Iqbal Qureshi.(2019). *Use of Modern Molecular Biology and Biotechnology Tools to Improve the Quality Value of Oilseed Brassicas "Quality Breeding in Field Crops.* Springer-Nature Switzerland". Pp 255-266.
12. Sandeep Kumar, Manoj Kumar and Muneeshwar Sharma. 2019. *Organic Vegetable Farming: An Eco Friendly Technology for sustainable Development.* *Write and Print Publications,* New Delhi.
13. Uma Shankar, A.K. Singh, Hafeez Ahmad, D.P. Abrol and Devinder Sharma. 2019. *Practical manual on Crop pests, stored grain pests and their management.* pp79.
14. Uma Shankar, R.S. Sodhi, Neetu Sharma, A.P. Rai, Hafeez Ahmad and D.P. Abrol. 2019. *Practical Manual on Plant Health Clinic.* pp105
15. Vikas Abrol, Anil Kumar, Brinder Singh, Permendra Singh. 2019.*An Insight into Soil and Plant Analysis.* Jaya Publishing House New Delhi ISBN:978-93-87590-71-7

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17. Weeds At A Glance- 2019 Anil Kumar,R.Puniya,Amit Mahajan,Ashu Sharma and Lobzang Stanze