

| | | |
|----|--|------|
| 11 | Amit Ahlawat, Anil Bhat, Vinod Gupta, Malika Sharma, Sabbey Sharma, Sunil K Rai and S.P. Singh. 2021. Market Share and Promotional Approaches of Pesticide Companies for Vegetable Crops in Jammu District. <i>International Journal of Social Sciences</i> . 10(2): 115-121. | 4.38 |
| 12 | Rigzin Disket, Anil Bhat, Jyoti Kachroo, Manish K Sharma, B.C. Sharma, Bharat Bhushan and Malika Sharma. 2021. Socio-economic Status of Vegetable Growers in Jammu Region of Jammu and Kashmir Union Territory. <i>International Journal of Social Sciences</i> . 10(2): 191-196. | 4.38 |
| 13 | SP Singh, Akshay Deep, Jyoti Kachroo, MC Dwivedi, Anil Bhat, Nimit Kumar, Sanjeev Kumar and Sabbey Sharma. 2021. Rainfed agriculture and hill farming: An economic analysis of major pulses in Kandi area of Jammu region of J&K state. <i>Journal of Food Legumes</i> . 34(2): 127-131. | 4.82 |
| 14 | Akshay Deep, SP Singh, Jyoti Kachroo, MC Dwivedi, Anil Bhat, Nimit Kumar, Sanjeev Kumar and Sabbey Sharma. 2021. An economic analysis of marketing efficiency and constraints for cultivation of major pulses in Samba district of Jammu and Kashmir. <i>Journal of Food Legumes</i> . 34(2): 105-111. | 4.82 |

| | | |
|----|--|--------------|
| 1. | Peshin, R., Hansra, B.S., Singh, K., Nanda, R., Sharma, R., Yangsdon, S. and Kumar, R. 2021. Long-term Impact of Bt cotton: An empirical evidences from North India. <i>Journal of Cleaner Production</i> . doi.org/10.1016/j.jclepro.2021.127575 | 13.25 |
| 2. | Peshin, R. 2021. Impact of integrated pest management programmes on pesticide use in Indian agriculture. <i>Indian Journal of Entomology</i> , 83. DoI No.: 10.5958/0974-8172.2021.00006.7 | 5.08 |
| 3. | Tariq Iqbal, P.S. Slathia , Rajinder Peshin, Sandeep Sehgal, Manish Kumar Sharma, Kiran Kour and Rakesh Kumar. Perception towards Joint Forest Management Programme in Conservation of forest resources in Jammu Division. <i>Indian Journal of Extension Education</i> . 57 (1) January-March 2021: 1-6. | 5.95 |
| 4. | Permendra Singh, Dileep Kachroo, N.P. Thakur, R. Puniya and Shashank Shekher Singh. 2021 .Impact of crop Bio-Intensification and nutrient management on production and productivity of lentil crop under North West Himalayan region of Jammu-Kashmir. <i>International Journal of Ecology and Environmental Sciences</i> 3 (1): 485-489. | |
| 5. | <ol style="list-style-type: none"> 1. Devi, A., Bakshi, P., Samnotra, R.K., Sharma, V., Mondal, A.K., Kour, K., Sharma, N., Iqbal, M. and Singh, G. 2021. DRIS indices as nutritional guide for aonla cultivation. <i>Indian Journal of Horticulture</i>. 78(1): 66-77. 2. Iqbal, M., Bakshi, P., Kour, K., Sinha, B.K. and Iqbal, M. 2021. Effect of different growth regulators on <i>in vitro</i> regeneration of cotyledon explants of rough lemon (<i>Citrus jambhiri</i> Lush.) via callus induction. <i>International Journal of Chemical Studies</i>. 9(1): 1853-1859. | |

3. Shah, R.A., Bakshi, P., Sharma, N., Jasrotia, A., Itoo, H., Gupta, R. and Singh, A. 2021. Diversity assessment and selection of superior Persian walnut (*Juglans regia* L.) trees of seedling origin from North-Western Himalayan region. *Resource, Environment and Sustainability*. 3: 1-14.
4. Sharma, M., Singh, A.K., Salgotra, R.K., Sharma, B.K., Gangurde, S.S., Bakshi, P., Raina, M. and Kumar, B. 2021. Assessment of genetic advance and correlation coefficient for yield and yield attributed traits of RIL population in basmati rice (*Oryza sativa* L.). *Journal of Pharmacognosy and Phytochemistry*. 10(1): 328-330.
5. Gupta, V., Sharma, A., Rai, P.K., Gupta, S.K., Singh, B., Sharma, S.K., Singh, S.K., Hussain, R., Razdan, V.K., Kumar, D., Paswal, S., Pandit, V. and Sharma, R. (2021). Corm Rot of Saffron: Epidemiology and Management. *Agronomy*. 11, 339. DOI:10.3390/agronomy11020339.
1. Umer, S.I., Konwar, D., Khan, A., Bhat, M.A., Javid, F., Jeelani R, Nabi, B., Najar, A.A., Kumar, D. and Brahma, B. (2021) "Delineation of temperature-humidity index (THI) as indicator of heat stress in riverine buffaloes (*Bulalusbubalis*) of a sub-tropical Indian region" Cell stress and Chaperones DOI 10.1007/s12192-021-01209-1 May 06
2. Nazim, K., Godara, R., Katoch, R., Yadav, Anish, Sofi, O.M.D., Kumar, A., Katoch, M., Verma, P.K. and Singh, N.K. (2021). In vitro assessment of turmeric (*Curcuma longa*; Family: Zingiberaceae) against *Rhipicephalusmicroplus* (Acari: Ixodidae) ticks. *Int. J. Acarol.*, 47:5, 456-460, DOI:10.1080/01647954.2021.1928750
3. Kaur, R., Yadav, A., Rafiqi, S.A., Godara, R., Sudan, V., Chakraborty, D. and Katoch, R. (2021). Epidemiology, haematology and molecular characterization of haemoprotozoan and rickettsial organisms causing infections in cattle of Jammu region, north India. *BMC Veterinary Research*, 17: 219-230.
4. Nazim, K., Godara, R., Katoch, R., Yadav, Anish, Sofi, O.M.D., Rafiqi, S.I. and Verma, P.K. (2021). Acaricidal activity of *Juglansregia* hull extracts against unfed larvae of *Rhipicephalusmicroplus* ticks. *J. Entomol. Zoologi. Studies*, 9: 651-654
5. Nisa, F., Godara, R., Yadav, Anish, Katoch, R., Rafiqi, S.I., Nazim, K., Singh, N.K., and Katoch, M. (2021). Fenvalerate and diazinon resistance in

Rhipicephalus(Boophilus) microplustick from north-western Himalayan region of India. *J. Entomol. Zoologi. Studies*, 9: 1083-1087.

6. Sharma, S.; Nashiruddullah, N.; Taku, A.; Roychoudhury, P. and Ahmed, J.A. (2021). Identification and comparative phylogeny of sheep and goat pox isolates from Jammu, India. *Indian Journal of Animal Research*, 55(6): 710-715. DOI 10.18805/IJAR.B-4009
7. Beg, Y.J.; Ahmed, J.A.; Nashiruddullah, N. and Chakraborty, D. (2021). Electrolyte and electrocardiogram changes in dehydrated male bovine calves. *Indian Journal of Animal Research*, 55(8): 889-893. DOI: 10.18805/ijar.B-4145
8. Mehmood, S.; Nashiruddullah, N. and Ahmed, J.A. (2021). **Mortality in some domesticated pigeons (*Columba livia*) from Jammu, India.** *Turkish Journal of Veterinary and Animal Science*, 45(1): 158-167. doi: 10.3906/vet-1909-96
9. **Sharma, S.; Rahman, S.; Nashiruddullah, N.; Sood, S. and Abrol, R. (2021). Patho-morphological and AgNOR based diagnosis of cutaneous squamous cell carcinoma in buffalo. *Buffalo Bulletin*, 40(1): 199-204**
10. Kour, H.; Raina, R.; Verma, P.K.; Khan, A.M.; Bhat, M.A. and Nashiruddullah, N. (2021). Evaluation of the wound healing activity of ethanolic extract of *Bergeniaciliata* (Haw.) Sternb. rhizome with excision wound model in Wistar rats. *Journal of Ethnopharmacology*, 281: 114527. doi: 10.1016/j.jep.2021.114527
11. Kumar P., Sharma Neelesh*, Sharma S., Mehta N., Verma A.K., Chemmmalar S. and Sazili A.Q. (2021). In-vitro meat: A promising solution for sustainability of meat sector. *Journal of Animal Science and Technology*. Published online: DOI: <https://doi.org/10.5187/jast.2021.e85>
12. Devi S., Sharma Neelesh*, Ahmed T., Huma Z., Kour S., Sahoo B., Singh A.K., Macesic N., Lee S.J. and Gupta M.K. (2021). Aptamer-based diagnostic and therapeutic approaches in animals: Current po-tential and challenges. *Saudi Journal of Biological Sciences*, 28(2021): 5081-5093.
13. Sodhi S.S., Sharma Neelesh*, Ghosh M., Sethi R.S., Jeong D.K. and Lee S.J. (2021). Differential expression patterns of myogenic regulatory factors in the postnatal longissimusdorsi muscle of Jeju Native Pigand Berkshire breeds along with their co-expression with Pax7. *Electronic Journal of Biotechnology*, 51(2021): 8-16.

14. Pusph P., Bhaskar R., Kelkar S., Sharma Neelesh, Pathak D. and Gupta M.K. (2021). Plasticized poly(vinylalcohol) and poly (vinylpyrrolidone) based patches with tunable mechanical properties for cardiac tissue engineering applications. *Biotechnology & Bioengineering*, 118: 2312-2325.
15. S. F. Ahmad, N. N. Khan, DibyenduChakraborty, M. A. Rather, Syed Shanaz, S. Alam and N. A. Ganai. 2021. Estimation of (Co)Variance components and genetic parameters of fibre traits in Rambouillet sheep using multi-trait analysis. *Tropical Animal Health and Production*, 53: 190. <https://doi.org/10.1007/s11250-021-02637-y>
16. S. Borkataki, Katoch, R., P. Goswami, A. Bhat and D. Chakraborty. 2021. Acceleration of cutaneous wound healing by *Lucilia sericata* maggots in diabetic Wistar rats. *Tropical Biomedicine*, 38 (1): 86-93
17. RabjotKaur, AnishYadav, Shafiya I. Rafiqi, Rajesh Godara, Vikrant Sudan, D. Chakraborty and Rajesh Katoch. 2021. Epidemiology, haematology and molecular characterization of haemoprotozoon and rickettsial organisms causing infections in cattle of Jammu region, North India. *BMC Veterinary Research*, 17:219. <https://doi.org/10.1186/s12917-021-02915-9>.
18. Kaur, M., Kumar, S., Bhat, Z. F., Bekhit, A.E.A., &Bhatti, M. A. (2021). Development of composite meat chocolate fortified with calcium and plant extracts. *Food Bioscience*, <https://doi.org/10.1016/j.fbio.2021.101082>
19. Sharma, R., Bhat, Z. F., Kumar, A., Kumar, S., Bhatti, M. A., &Jayawardena, R. (2021). *Rubiocordifolia* based novel edible film for improved lipid oxidative and microbial stability of meat products. *Journal of Food Processing and Preservation*, e15654.
20. Sharma, R., Bhat, Z. F., Kumar, A., Kumar, S., Bekhit, A. E. D. A., &Naqvi, Z. (2021). Characterization of *Commiphora wightii* Based Bioactive Edible Film and its Efficacy for Improving the Storage Quality of Meat Products. *Journal of Food Safety*, DOI: 10.1111/jfs.12909.
21. Sharma, P., Verma, P.K., Sood, S. Singh R, Gupta A, Rastogi A (2021). Distribution of Fluoride in Plasma, Brain, and Bones and Associated Oxidative Damage after Induced Chronic Fluorosis in Wistar Rats. *Biological Trace Element Research* (2021). <https://doi.org/10.1007/s12011-021-02782-3>.
22. Sharma, P., Verma, P.K., Sood, S. Singh R, Gupta A, Rastogi A (2021). Distribution of Fluoride in Plasma, Brain, and Bones and Associated Oxidative Damage after Induced Chronic Fluorosis in Wistar Rats. *Biological*

Trace Element Research (2021). <https://doi.org/10.1007/s12011-021-02782-3>

23. Kant, V.; Mahapatra, P.S.; Gupta, V.; Bag, S.; Gopalkrishan, A.; Kumar, D. and Kumar, D.(2021). Substance P, a Neuropeptide Promotes Wound Healing via Neurokinin-1 Receptor. *The International Journal of Lower Extremity Wounds*. DOI : 10.1177/1534734621 1004060
24. LovishSethi, ShaliniSuri, Kamal Sarma and Jasvinder Singh Sasan (2021)Histomorphology and Histochemistry of Liver of Adult Bakerwali and Non-descript Goats of Jammu, India. *Journal of Animal Research* 11(3): 487-495.(June 2021,)
25. Mahadeep Singh, Kamal Sarma, S. Suri and J. Devi (2021). Histological development of the hepatic stroma and vascular system in goat foetii (*Capra hircus*). *Indian Journal of Veterinary Anatomy* 33(1): 35-38.
26. Amit Ahlawat, Anil Bhat, Vinod Gupta, Malika Sharma, Sabbey Sharma, Sunil K Rai and S.P. Singh. 2021. Market Share and Promotional Approaches of Pesticide Companies for Vegetable Crops in Jammu District. *International Journal of Social Sciences*. 10(2): 115-121.
27. Rigzin Disket, Anil Bhat, Jyoti Kachroo, Manish K Sharma, B.C. Sharma, Bharat Bhushan and Malika Sharma. 2021. Socio-economic Status of Vegetable Growers in Jammu Region of Jammu and Kashmir Union Territory. *International Journal of Social Sciences*. 10(2): 191-196.
28. SP Singh, Akshay Deep, Jyoti Kachroo, MC Dwivedi, Anil Bhat, Nimit Kumar, Sanjeev Kumar and Sabbey Sharma. 2021. Rainfed agriculture and hill farming: An economic analysis of major pulses in Kandi area of Jammu region of J&K state. *Journal of Food Legumes*. 34(2): 127-131.
6. Akshay Deep, SP Singh, Jyoti Kachroo, MC Dwivedi, Anil Bhat, Nimit Kumar, Sanjeev Kumar and Sabbey Sharma. 2021. An economic analysis of marketing efficiency and constraints for cultivation.
29. Akshay Deep, SP Singh, Jyoti Kachroo, MC Dwivedi, Anil Bhat, Nimit Kumar, Sanjeev Kumar and Sabbey Sharma. 2021. An economic analysis of marketing efficiency and constraints for cultivation of major pulses in Samba district of

Jammu and Kashmir. *Journal of Food Legumes*. 34(2): 105-111.

30. Peshin, R., Hansra, B.S., Singh, K., Nanda, R., Sharma, R., Yangsdon, S. and Kumar, R. . 2021. Long-term Impact of Bt cotton: An empirical evidences from North India. *Journal of Cleaner Production*. doi.org/10.1016/j.j.clepro.2021.127575
31. Peshin, R. 2021. Impact of integrated pest management programmes on pesticide use in Indian agriculture. *Indian Journal of Entomology*, 83. DoI No.: 10.5958/0974-8172.2021.00006.7
32. Tariq Iqbal, **P.S. Slathia**, Rajinder Peshin, Sandeep Sehgal, Manish Kumar Sharma, Kiran Kour and Rakesh Kumar. Perception towards Joint Forest Management Programme in Conservation of forest resources in Jammu Division. *Indian Journal of Extension Education*. **57**(1) January-March 2021: 1-6. M. Banotra, B.C. Sharma, B. Nandan, A. Verma and R. Kumar.2021. Performance of Knolkhol (*Brassica oleracea* L. Var *Gongylodes*) under Differential Substitution of Nutrients through Organics in Irrigated Plains of Shiwalik Foothills. *Legume Research*. LR-4257: [1-7]
33. Monika Banotra, B.C. Sharma, Brij Nandan, Rakesh Kumar. 2021. Effect of Differential Substitution of Nutrients through Organics on Growth, Quality, Nutrient Uptake and Economics of Green Gram (*Vigna radiata*) in Shiwalik Foothill Region DOI: 10.18805/LR-4257 Online published
34. Monika Banotra , B.C Sharma, Anil Kumar, L.M Gupta, ,Akhil Verma and Rakesh Kumar. 2021. Production potential and economics of green gram (*Vigna radiata*) under differential substitution of nutrients through organics in subtropics of Jammu region. *Indian Journal of Agronomy*.66 (1):55-59
35. PawandeepKour, Neeraj Gupta and Jagmohan Singh 2021. Utilization of Eureka Lemon Peel for Development of Value Added Product. *Journal of Scientific & Industrial Research*.80:181-185.
36. Ayoub, A., Singh, J., Hameed, F., & Mushtaq,M. 2021.Evaluation of SecondaryMetabolities (Antibacterial and Antioxidant Activity) of Amlok

| | | |
|----|--|-------------|
| | <p>(Diospyros lotusL) Fruit Extracts of Jammu Region. <i>Journal of Pharmaceutical ResearchInternational</i>, 32(42) 8-19</p> <p>37. Manzoor, M., Singh, J., Gani, A., & Noor, N. 2021. Valorization of natural colorsas health-promoting bioactive compounds: Phytochemical profile, extractiontechniques, and pharmacological perspectives. <i>Food Chemistry</i>, 130141.</p> <p>38. Shah, R.A., Bakshi, P., Sharma, N., Jasrotia, A., Itoo, H., Gupta, R. and Singh, A. 2021. Diversity assessment and selection of superior Persian walnut (<i>Juglans regia</i> L.) trees of seedling origin from North-Western Himalayan region. <i>Resources, Environment and Sustainability</i>, 3: 1-14.</p> <p>39. Sharma, A., Sharma, R.K., Siddiqui, S. and Gupta, N. 2020. Changes in the polypeptide/protein banding pattern of guava (<i>Psidium guajava</i> L.) fruits during ripening on-tree and in-storage. <i>International Journal of Chemical Studies</i>, 8(4): 300-305.</p> <p>40. Gowhar Amin Mir and Sandeep Sehgal. 2021. Medicinal uses of Edible Wild Fruits of Chenab Valley of Jammu, India. <i>Indian Journal of Ecology</i> 48(1): 563-568</p> <p>41. Rubby Sandhu, Bikram Singh, Tuhina Dey and M K Pandey 2021. Assessment of some Indian wheat genotypes and breeding lines for adult plant resistance (APR) against stripe rust. <i>International Journal of Chemical Studies</i> SP-9(2): 31-35</p> <p>42. Heena Attri* and TuhinaDey 2021.Screening of Stripe Rust Resistance in Bread Wheat (<i>Triticum aestivum</i> L.) Genotypes. Int. J. Curr. Microbiol. App.Sci.2021.10 (1) : 1236-1244</p> | |
| 6. | | 4.96 |
| 7. | | |
| 8. | | |