

List of Publication (Last Five Years)

2017-18

1. Kumar,V.; Mishra, D.P.; Yadav, G. C. and Babu, U. (2017). Determining relationship between different growth and yield traits in pumpkin with path coefficient analysis. *The Pharma Innovation Journal* 6(12):18-26.
2. Yadav, S.; Yadav, G. C.; Kumar,V. and Yadav, D.(2017). Gene action studies in tomato (*Solanum lycopersicon* (Mill.) Wettst.) For growth, yield and quality traits. *The Pharma Innovation Journal* 6(12): 430-432.
3. Singh R.S., Rajkumar.; Kumar M. and Singh R.P.(2017). Weed management in black gram. *Bulletin of Environment Pharmacology and life Sciences* vol 6(2) 199-200.
4. Singh R.P., Patel V. , Singh A.K., Misra A.N Rajkumar and Singh R.S.(2017). Effect of INM on growth and yield of wheat under late sown condition. *Bulletin of Environment Pharmacology and life Sciences* vol. 6(2) 142-145
5. Singh R.P., Kumar M., Singh R.S. Singh Rajkumar A.K. and Misra A.N., (2017). Effect of sequential application of herbicides on weed flora and grain yield in direct seeded rice. *Bulletin of Environment Pharmacology and life Sciences* vol. 6(2) 169-171.
6. Mubean, A.H. Khan, S.P. Singh, A.K. Singh, A.R. Gautam, Meraj Khan and Nadeem Khan (2017). Effect of water logging and salinity stress on physiological and Biochemical changes in tolerant and susceptible varieties of *Triticum aestivum* L. *Intn. J. current Microbiology and Applied Sciences*. Pp. xx – xx
7. Raja Husain, N. A. Khan, A. Mishra, M. K. Sharma, A. Singh, R. S. Sengar, M. K. Yadav, Vinay K. Yadav, Jayendra Kumar, Harishchandra, K. Gyanendra, Shivani, N. Vikram and K. N. Singh (2017). Expression of defense responsive gene in rice after the infection of *Rhizoctonia solani*. *International journal of current microbiology and applied science* 6(7): 4201-4209.
8. Ram Kishor, A. Devi, P Kumari, S. Dwivedi, R. Dwivedi, S.P. Giri, D.K. Dwivedi and U.P. Pandey (2017) Gene action and combining ability in rice (*Oryza sativa* L.) involving indica and tropical japonica genotypes. *International Journal of Current Microbiology and Applied Sciences* 6(7): 8-16.
9. Sunita Kumari, Pratibha Singh, R. P. Singh and N.A. Khan (2017). Assessment of morphological and biochemical diversity in *Curcuma longa* L. germplasm by SDS-PAGE. *The Bioscan*, 12(2): 881-885.
10. Nishad, R.N.; Singh, R.B.; Singh, A.K.; Singh, S.P. and Yadav, S.K. (2017). Effect of various indigenous botanical seed protectants on seed quality parameters of chickpea seed during ambient storage, *Journal of Pharmacognosy and Phytochemistry* 2017; SP1: 423-426. NAAS Score- 5.21
11. Arya, M. and Maurya, S.P. and Chandola, A. (2017). Studies on creativity achievement among school children. *International Journal of Family and Home Science* Vol. 13(3) 379-387. Cited by 2
12. Parihar, V., Maurya, S.P. and David, A. (2017). Socio-economic Status of Trainees of Private Training Centres in Faizabad District (U.P.) with respect to tailoring, *Bulletin of Environment, Pharmacology and Life Sciences Vol 6 Special issue [1]pp 380-382* NAAS – 4.95.

13. Yaswant, Yadav; Singh, B.N. Effect of nitrogen levels and its time of application on growth and yield of wheat (*Triticum aestivum* L) eastern U.P. Bulletin of environment, Pharmacology and Life Sciences (2) 2017: 296-301
14. Yaswant, Yadav; Singh, B.N. Response of nitrogen levels and its time of application on yield and economics of wheat (*Triticum aestivum* L.) in eastern U.P. Bulletin of environment, Pharmacology and Life Sciences (2) 2017: 81-86
15. Snehdeep, B.V.S. Sisodia and V. N. Rai (2017) Trend and growth analysis of rapeseed and mustard production in Uttar Pradesh. Int. J. Agri. And Stat. Sci., 13 (1): 273-277R.
16. R. Yadav, B.V.S. Sisodia and V. N. Rai (2017) An application of principal component analysis in developing statistical models for pre harvest forecast of pigeon pea yield. Int. J. Agri. And Stat. Sci., 13 (2).
17. Dharendra Singh, B.V.S. Sisodia, V.N. Rai and Sandeep Kumar (2017) A calibration approach based regression and ratio type estimators of finite population mean in two stage stratified random sampling. J. of Ind. Soc. of Agril. Stat., 71 (3): 217-224
18. SP Giri and Alok Pandey (2017) Characterization of aromatic short grain rices of eastern Uttar Pradesh for qualitative traits. Journal of Pharmacognosy and Phytochemistry; SP1: 180-183.
19. SP Giri, Alok Pandey and DK Verma (2017) Morphological characterization of aromatic short grain rices of eastern Uttar Pradesh Journal of Pharmacognosy and Phytochemistry; SP1: 155-157.
20. S.B. Singh, M.K. Pandey, S.P. Giri and Alok Pandey (2017) Promotion of improved production technology of wheat through Front Line Demonstrations in Faizabad District of Uttar Pradesh. Journal of Pharmacognosy and Phytochemistry; SP1: 22-25.
21. S.P. Giri, Alok Pandey, V.N. Singh, D.K. Verma, R.M. Tripathi, Arun Kumar Singh, M.L. Maurya and R.V. Singh (2017) DUS Characterization of Narendra Lahar: A New High Yielding Rice Variety. Int. J. Curr. Microbiol. App. Sci (2017) 6(11): 5444-5453.
22. Kumud Singh (2018) Comparative Efficacy of Botanicals against Yellow Stem Borer (*Scirpophaga incertulas*, Walker) and Leaf Folder (*Cnaphalocrocis medinalis*, Guenee) of rice in Eastern Uttar Pradesh. Journal of Pharmacognosy and Phytochemistry, Volume Special -1, 474-478.
23. Singh O., Singh S.P., Bahadur Raj, Ram M., Singh P. and Prajapati S. (2017). Physiological Basis of Water Logging Tolerance in Wheat at Vegetative Stage Under Sodic Soil. Int. J. Curr.Microbiol.App.Sci (2017) 6(4): 1993-2004.
24. Yadav Anjali and Singh Sadhna (2017). Nutritional properties & organoleptic properties of *Amorphalluspaeoniifolius* flour supplemented cake. Vegetos – An International Journal of Plant Research.30(3) :4171-4173.NAAS Score:5.0
25. Singh Ravinder ,SinghSadhna&Sandeep(2017).Economic analysis of maize cultivation in lucknow district of Uttar Pradesh. Journal of Pharmacognosy&Phytochemistry.11 :126-129. NAAS Score:5.21
26. Singh, A. K., Om Preethi, B., Singh, H. N., Gangwar, A. K., Niyogi, D. and Devi, K. S. (2017). Comparative evaluation of wound healing potential of *Tinospora cordifolia* and its combination with local insulin therapy in diabetic rabbits. J Pharmacognosy and phytochemistry, 6(4): 1812-17 (NAAS 5.21).
27. Varun, V. K., Singh, J. P., Singh, S. V. and Ramakant (2017). Hemato Biochemical and Micro Minerals Alterations in Leuodermic Buffaloes of

- Eastern Plain Zone of Middle Gangetic Plain Regions. Buffalo Bulletin., 36 (04): 595 -599. (NAAS 6.10).
28. Varun, V. K., Singh, J. P., Singh, S. V. and Ramakant (2017). Comparative efficacy of different treatment protocols in therapeutic management of leukoderma in buffaloes. Buffalo Bulletin., 36 (04): 589 -594 . (NAAS 6.10)
 29. Singh, J., Singh, V. K., Yadav, A. K. and Jha, A. (2017). Effect of genetic and non-genetic factors on lactation yield in Sahiwal cattle. Indian Journal of Animal Research., 51(3): 570-575. (NAAS 6.03).
 30. Singh, J., Singh, V. K., Yadav, A. K. and Jha, A. (2017). Effect of genetic and non-genetic factors on age at first calving in Sahiwal cattle. Indian Journal of Animal Research., 51(4): 635-639. (NAAS 6.03).
 31. Kumar, S. and Srivastava, S. (2017). Testicular biometry and its correlation with body weight and semen output in Murrah bull. Buffalo Bulletin., 36(1):105-113) (NAAS 6.10)
 32. Singh, V. K., Singh, P., Verma, A. K. and Mehra, U. R. (2017). Evaluation of urinary purine derivative creatinine index as a predictor of the nutritional status of dairy animals at farm level. Indian J. Anim. Nutri. 34 (3): 283-288 (NAAS 5.02)
 33. SanjeetKumar and SushantSrivastava (2017). Testicular biometry and its correlation with body weight and semen output in Murrah bull. Buffalo Bulletin 36(1:105-113)
 34. Rao, G.P., Madhupriya., Kumar, M., Tomar, S., Maya, B., Singh, S .K. and Johnson, J.M. (2017). Detection and identification of four 16Sr subgroups of phytoplasmas associated with different legume crops in India. European Journal of Plant Pathology.148(4): 1278-1286 (NAAS 7.48).
 35. Jain, A.; Pandey, V.P.; Singh, V.B.; Singh, M. and Sriom (2017). Evaluation of coriander (*Coriandrum sativum* L.) genotypes for growth and seed yield attributes. IJCMAS 21. 2017. ISSN: 2319-7692
 36. H.K. Singh, R.B. Singh, P. Kumar , M. Singh, J. Kumar Yadav, P.K. Singh, M. P. Chauhan, R.C. Shakywar, K.N. Maurya, B. Shainy Priyanka, T. Srivastava, S.K. Yadav and M.K. Maurya (2017). Alternaria blight of rapeseed-mustard–A Review. Journal of Environmental Biology., 38 (6):1405-1420. NAAS 6.70
 37. Devi Archana, Kumari Preeti, Dwivedi Ranjan, Dwivedi Saket, Verma, O.P, Singh, P.K. and Deivedi, D.K. (2017) Gene action and combining ability analysis for yield and yield contributing traits in rice (*Oryza sativa* L.). Journal of Pharmacognosy and Phytochemistry 6(3); 662-671
 38. Mohammad, Nisar, Kumar, A., Pandey, V.R., Singh, P.K. and Verma, O.P.(2017). Studies on genetic divergence analysis in rice (*Oryza sativa* L.) under sodic soil. Int. J.Curr.Microbiol. App.Sci.
 39. Maurya,B.K., Singh, P.K., Verma, O.P. and Mandal, D.K. (2017). Associations study of salt affected rice (*Oryza sativa* L.), 6(5); Journal of Pharmacognosy and Phytochemistry 843-847.
 40. Maurya ,B.K., Singh, P.K., Verma, O.P. and Mandal, D.K. (2017). Genetic variability and divergence analysis in rice (*Oryza sativa* L.) under sodic soil 6(10): 2865-2869. Int. J.Curr.Microbiol. App.Sci.
 41. Maurya,S.P., Verma,O.P., Singh, P.K., Singh, A.K., and Verma, J.(2017). Identifying superior parents and recombinants in rice (*Oryza sativa* L.) under salt affected soil. Int. J.Curr.Microbiol. App.Sci.6(12): 2108-2120
 42. Devi Archana, Kumari, Preeti, Dwivedi Ranjan, Dwivedi Saket, Verma, O.P, Singh, P.K. and Dwivedi, D.K. (2017). Studies on heterosis and combining

- ability in rice (*Oryza sativa* L.) for morpho-physiological traits under normal and saline conditions. 6(8):1558-1571. *Int. J.Curr.Microbiol. App.Sci*
43. Devi Archana, Kumari, Preeti, Dwivedi Ranjan, Dwivedi Saket, Verma, O.P, Singh, P.K. and Deivedi, D.K. (2017). Estimation of heterosis for seed yield and yield attributing traits in rice. (*Oryza sativa* L.) under salinity condition. Vol. 6(4); 1345-1354. *Journal of Pharmacognosy andPhytochemistry*
 44. Devi Archana, Kumari, Preeti, Dwivedi Ranjan, Dwivedi Saket, Mishra , K.K., Verma, O.P, Singh, P.K. and Deivedi, D.K. (2017). Combining ability analysis for yield and its quality traits in rice (*Oryza sativa* L.) Over environment. Vol. 6(4); 1345-1354. *Journal of Pharmacognosy andPhytochemistry*
 45. Rajpoot , Singh P.K, Verma, O.P and Tripathi Neeta (2017), Study on gentic variability and heritability for quantitative characters in rice (*Oryza sativa* L.) under sodic soil.Vol. 6(4); 1162-1165. *Journal of Pharmacognosy and Phytochemistry*
 46. Singh Tejasvi, Singh Vinod, Singh KP, Verma OP, Mishra Subhash, SrivastavaAkankasha and Ahmad Raees (2017). D2 analysis in certain promising genotypes wheat (*Triticumaestivum*L.em. Thell) *Journal of Pharmacognosy andPhytochemistry*, 6(5); 2714-2717.
 47. Krishnamurthy S.L, Sharma P.C, Sharma D.K, Ravikiran K.T, Singh Y.P, Mishra V.K, Burman D, Maji.B, Mendal.S, Sarangi S.K, Gautam R.K, Singh P.K, Manohara K.K, Marandi B.C, Padmavathi. G, Vanve P.B, Patil K.D, Thirumeni.S, Verma O.P., Khan A.H, Tiwari.S, Geetha.S, Shakila.M, Gill R , Yadav V.K, S.K.B Roy, Prakash.M, Bonifacio.J, Ismail.A, Gregorio.G.B and Singh R.K (2017). Identification of mega environments and rice genotype for general and specific adaptation to saline and alkaline stresses in India. *Scientific Reports*, 7968 DOI:1038/s41598-017-08532-7.
 48. Chauhan, M.P., Singh Tejasvi. Sharma, R.M; Singh, Vinod and Singh, K.P. (2017). Line x tester analysis in Indian mustard *Brassica juncea* L. Czern and cross. *Int.J.Curr.Microbiol.App.Sci*. 6(8):pp1514-1523.
 49. Singh, Tejasvi; Singh, Vinod; Singh, K.P.; Verma, O.P.; Mishra, Subhash; Srivastava, Akansha and Ahmad, Raees. (2017). D2 analysis in certain promising genotypes of wheat (*triticum aestivum* L. em. Thell). *Journal of pharmacology and phytochemistry*, vol. 6(5): 2714-2717.
 50. Singh, Varsha; Singh, Preeti; Kumar, Anurag and Shiva Nath (2017). Estimation of genetic variability parameters in Chickpea (*Cicer arietinum* L.) germplasm. *Journal of Pharmacognosy and Phytochemistry*, 7(2) : 1204-1206
 51. Parihar, A.K.; K. Basndarai, Ashwani.; Saxena, D.R.; Kushawah, K.P.S.; Chandra, Subhash; Sharma, K.; Singh, K.D.; Singh, Deepak.; Lal, H.C. and Gupta, Sanjeev (2017). Biplot evaluation of test environments and identification of lentil genotypes with durable resistance fusariumwilt in India. *J. Crop and Pasture Science* – 68, 1024-1030. NAAS 10.11
 52. Singh, A. K., Preethi, B.Om; Singh, H.N., Gangwar, A. K., Niyogi, D. and Devi, K.S. (2017).Comparative evaluation of the wound healing potential of *Tinospora cordifolia* and its combination with local insulin therapy in diabetic rabbits. *J. Pharma. Phytochem.*, 6(4): 1812-1817
 53. Singh, A. K., Singh, H.N., Preethi, B.Om; Gangwar, A. K., Devi, K.S., Niyogi, D. and Singh, D.D. (2017).Comparative evaluation of the wound healing efficacy of *Tinospora cordifolia* and local insulin therapy in diabetic rabbits. *International Archive of Applied Sciences and Technology*, 8(4): 72-79

54. Singh, A. K., Preethi, B.Om; Singh, H.N., Gangwar, A. K., Niyogi, D. and Devi, K.S. (2017).Comparative evaluation of the wound healing potential of *Tinospora cordifolia* and its combination with local insulin therapy in diabetic rabbits. *Journal of Pharmacognosy and Phytochemistry*, 6(4): 1812-1817
55. Pradip Kumar. Alok Kumar, Neeraj Kumar, Atik Ahmad and M.K.. Verma(2017) Effect of Integrated nutrient management on productivity and nutrients availability of potato. *Int. J. current micribiology and Applied Science* 06(03)1429-1436.
56. Krishnamurthy S.L, Sharma P.C, Sharma D.K, Ravikiran K.T, Singh Y.P, Mishra V.K, Burman D, Maji.B, Mendal.S, Sarangi S.K, Gautam R.K, Singh P.K, Manohara K.K, Marandi B.C, Padmavathi. G, Vanve P.B, Patil K.D, Thirumeni.S, Verma O. P., Khan A.H, Tiwari.S, Geetha.S, Shakila.M, Gill R , Yadav V.K, S.K.B Roy, Prakash.M, Bonifacio.J, Ismail.A, Gregorio.G.B and Singh R.K (2017). Identification of mega environments and rice genotype for general and specific adaptation to saline and alkaline stresses in India. Vol. 7968 DOI:1038/s41598-017-08532-7. *Scientific Reports*, NAAS 11.23
57. KumudSsingh , V Prasad , S Dixit and SP Giri (2017) studies on compatibility of insecticide and fungicide molecules against major pest and sheath blight in rice. *Bulletin of environment, pharmacology and lifescience* 6 (4) : 244-246.
58. Saurabh Dixit, RN Tripathi, V Prasad and Kumud Singh (2017) Genetics studies of yield and yield contributing traits and aeromatic rice genotype. *Pharmacognosy and Photochemistryspl.* 824-826.
59. S.P. Giri*, Alok Pandey, V.N. Singh, D.K. Verma, R.M. Tripathi, Arun Kumar Singh, M.L. Maurya and R.V. Singh (2017) DUS Characterization of Narendra Lahar: A New High Yielding Rice Variety. *Int.J.Curr.Microbiol.App.Sci* (2017) 6(11): 5444-5453.
60. Saurabh Verma, S.P. Giri, D.K. Verma, Brajendra, Alok Pandey and M.K. Pandey (2017) Impact of training and demonstration on adoption of Narendra Lalmati in eastern Uttar Pradesh. *Bulletin of Environment, Pharmacology and Life Sciences*, Vol .6 (Spl -3), 328-334.
61. Saurabh Verma, D.K. Verma, Brajendra, S.P. Giri, Satrughan Singh, Alok Pandey and M.K. Pandey (2017) Efficacy of different herbicides against weed flora in Blackgram (*Vigna mungo* L. Hepper) in Faizabad district of eastern Uttar Pradesh. *Progressive Research – An International Journal*, Vol – 12 (Spec. –II), 1884-1887.
62. SP Giri, Alok Pandey and DK Verma (2017) Morphological characterization of aromatic short grain rices of eastern Uttar Pradesh *Journal of Pharmacognosy and Phytochemistry*; SP1: 155-157.
63. H.G. Singh, V.N. Rai, B.V.S. Sissodi, V. Nand and H.Y. Singh (2017). Forecasting of pre-harvest crop yield using discriminant function analysis of meteorological parameters. *Research and environment life science*, 10 (1) 11-14.
64. Kumar,A., Rai, O.P. and Nand, V. (2017). Performance of rice cultivar (*Oryza sativa* L.) to leaf colour chart nitrogen based management in eastern plane (Uttar Pradesh). *Research and environment life science*, 10(10): 816-820.
65. N.B. Singh, 2017. Productivity and profitability of rice as influenced by methods of rice establishment including SRI and nutrient management. Chapter 5th in Book entitled “ System of Rice Intensification” published by Govind Ballabh Pant Social Science Institute, Allahabad: pp 73 – 85. (Encl-1:B).

66. Singh, R. P.; Patel, V.; Singh, A. K.; Mishra, A. N.; Kumar, R. and Singh, R. S. 2017. Effect of integrated nutrient management on growth and yield of wheat under late sown condition. *Bull. Env.Pharmacol. Life Sciences*, Vol. 6 (2): 142-145.
67. Singh, R. P.; Kumar, M.; Singh, R. S.; Raj Kumar; Singh, A. K. and Mishra, A. N. 2017. Effect of sequential application of herbicides on weed flora and grain yield in direct seeded rice (*Oryza sativa* L.). *Bull. Env.Pharmacol. Life Sciences*, Vol. 6 (2): 169-171.
68. Singh, R. S.; Raj Kumar; Kumar, M. and Singh, R. P. 2017. Weed management in black gram. *Bull. Env.Pharmacol. Life Sciences*, Vol. 6 (2): 199-200.
69. Singh, R. B.; Nisad, R. N. and Singh, R.P. 2017. Relative efficacy of botanicals against pulse beetle (*Callosobruchus chinensis* L.) infestation in Chickpea during storage. *Bull. Env.Pharmacol. Life Sciences*, Vol. 6 (1): 333-336.
70. Rajan Chaudhri, Ashish Singh, S. R. Mishra, A. K. Singh, and A. N. Mishra (2017). Study of phasic development and Growth Attributes of Rice cultivars at Variable weather condition. *Int. J. Curr. Microbiol. App. Sci* 6(2):1610-1619
71. A.K. Singh (2017) Livestock production and management in relation to climatic variability in eastern India. *Progressive research- An International journal* volume 12(Special-I):1256-1259
72. Ajit Singh , A.K. Singh , Smita Gupta and U.P. Shahi.(2017). Yield gap analysis and total rainfall of rice crop of onset of monsoon in different sectors of U.P. *Vegetos- An Int. J. of Plant Research* 30(Special-2), pp:340-348
73. Ashish Singh, B. Mehera, AK. Singh, S.R. Mishra, A.N. Mishra, Neelam Khare and Ajit Singh(2017). Studies on crop weather relationship of mustard (*Brassica Juncea* L.) Crop in Allahabad region. *Int. J. Agricult. Stat. Sci.* Vol.13, No 1, pp.333-335.
74. Ashish Singh, AK Singh, and A.N. Mishra (2017). Impact assessment of climate change on rice yield using simulation model. *Journal of Pharmacognosy and Phytochemistry*, 6(3): 841-844
75. Ashish Singh, AK Singh, A.N. Mishra and C.B. Singh. (2017). Yield forecast of rice crop in Eastern U.P. using simulation model. *Int. J. Curr. Microbiol. App. Sci* 6(8): 1-5
76. Krishna Deo, S. R. Mishra, A. K. Singh, A. N. Mishra and Ashish Singh.(2017) Water requirement of wheat Crop for optimum production using CROPWAT model. *Journal of Medicinal Plants Studies*, 5 (3): 338-342
77. Krishna Deo, S. R. Mishra, A. K. Singh, A. N. Mishra, Ashish Singh and Sanjay Kumar.(2017) Determination of suitable irrigation schedule for optimum water use efficiency of wheat crop. *Journal of Medicinal Plants Studies*, 5 (3): 343-347
78. Ram Pratap Singh , Manoj Kumar, R.S. Singh , Rajkumar, A.K. Singh and A.N. Mishra (2017) Effect of sequential of herbicide on weed flora and grain yield in direct seeded rice (*Oryza sativa* L.) *Bulletin of Environment, Pharmacology and Life sciences* 6(2): 169-171
79. Ram Pratap Singh , Vipin Patel, A.K. Singh, A.N. Mishra, Rajkumar, and R.S. Singh , (2017) Effect of integrated nutrient management on growth and yield of wheat under late sown condition *Bulletin of Environment, Pharmacology and Life sciences* 6(2): 142-145
80. Nitish Kumar, A.K. Singh, S.R. Mishra, Praveen Kumar Singh, Chandan Kumar Singh and Vikash Kumar Singh (2017). Recurrence frequency and variability

- analysis of fog events for planning and management of potato in Eastern U.P. India. *Int. J. Curr. Microbiol. App. Sci* 6(6): 1423-1431.
81. .N. Arpita, A.K. Singh, A.N. Mishra, S.K. Shukla, and Manoj Kumar (2019). "Studies on Extreme Weather Events of Eastern Plain Zone of Uttar Pradesh" *International Journal of Chemical Studies* 7(1) : 2014-2017.
 82. Neeraj Kumar, Neeraj Kumar Tiwari, and Atik Ahmad (2017) Effect of Integrated nutrient management on tuber yield and soil properties of potato (*solanum tuerosum L.*) *ull.Env.Pharmacol.Life Sci.*, Vol 6 Special issue(3) 2017 237-244
 83. Nand, V., Kumar, R., Doharey, R. K., and Verma, S.K.(2017) Maize (*Zea mays*) crop at various stages of groth in rabi season as influenced by varieties, plant geometry and nutrient management. *International Journal of Current microbiology and applied sciences*, 7: 989-997.
 84. Kumar, R., Nand, V., Doharey, R. K., Verma, S.K. and Kumari, A. (2017) Effect of seed rate and herbicides on yield attributes and yield of late sown wheat(*TriticumaestivumL.*) *International Journal of Current microbiology and applied sciences*, 7: 2582-2589.
 85. Rajan Chaudhri, Ashish Singh, S. R. Mishra, A. K. Singh, and A. N. Mishra (2017).Study of phasic development and Growth Attributes of Rice cultivars at Variable weather condition. *Int. J. Curr. Microbiol. App. Sci* 6(2):1610-1619 NAAS 5.38
 86. A.K. Singh (2017) Livestock production and management in relation to climatic variability in eastern India. *Progressive research- An International journal volume 12(Special-I):1256-1259* NAAS 3.84
 87. Ajit Singh , A.K. Singh , Smita Gupta and U.P. Shahi.(2017). Yield gap analysis and total rainfall of rice crop of onset of monsoon in different sectors of U.P. *Vegetos- An Int. J. of Plant Research* 30(Special-2), pp:340-348.
 88. Ashish Singh, B. Mehera, AK. Singh, S.R. Mishra, A.N. Mishra, Neelam Khare and Ajit Singh (2017). Studies on crop weather relationship of mustard (*Brassica Juncea L.*) Crop in Allahabad region. *Int. J. Agricult. Stat. Sci.* Vol.13,No 1,pp.333-335. NAAS 5.13
 89. Ashish Singh, AK Singh, and A.N. Mishra (2017).Impact assessment of climate change on rice yield using simulation model. *Journal of Pharmacognosy and Phytochemistry*, 6(3): 841-844 NAAS 5.21
 90. Ashish Singh, AK Singh, A.N. Mishra and C.B. Singh. (2017). Yield forecast of rice crop in Eastern U.P. using simulation model. *Int. J. Curr. Microbiol. App. Sci* 6(8): 1-5 NAAS 5.38
 91. Krishna Deo, S. R. Mishra, A. K. Singh, A. N. Mishra and Ashish Singh.(2017) Water requirement of wheat Crop for optimum production using CROPWAT model. *Journal of Medicinal Plants Studies*, 5 (3): 338-342 NAAS 3.53
 92. Krishna Deo, S. R. Mishra, A. K. Singh, A. N. Mishra, Ashish Singh and Sanjay Kumar.(2017) Determination of suitable irrigation schedule for optimum water use efficiency of wheat crop. *Journal of Medicinal Plants Studies*, 5 (3): 343-347 NAAS 3.53
 93. Ram Pratap Singh , Manoj Kumar, R.S. Singh , Rajkumar, A.K. Singh and A.N. Mishra (2017) Effect of sequential of herbicide on weed flora and grain yield in direct seeded rice (*Oryza sativa L.*) *Bulletin of Environment, Pharmacology and Life sciences* 6(2): 169-171 NAAS 4.95
 94. Ram Pratap Singh , Vipin Patel, A.K. Singh, A.N. Mishra, Rajkumar, and R.S. Singh , (2017) Effect of integrated nutrient management on growth and yield of

- wheat under late sown condition Bulletin of Environment, Pharmacology and Life sciences 6(2): 142-145 NAAS 4.95
95. Nitish Kumar, A.K. Singh, S.R. Mishra, Praveen Kumar Singh, Chandan Kumar Singh and Vikash Kumar Singh (2017). Recurrence frequency and variability analysis of fog events for planning and management of potato in Eastern U.P. India. Int. J. Curr. Microbiol. App. Sci 6(6): 1423-1431 NAAS 5.38
 96. S.N. Arpita, A.K. Singh, A.N. Mishra, S.K. Shukla, and Manoj Kumar (2019). "Studies on Extreme Weather Events of Eastern Plain Zone of Uttar Pradesh" International Journal of Chemical Studies 7(1) : 2014-2017. NAAS 5.31.
 97. Atik Ahamad, Neeraj Kumar and Devideen Yadav (2018). Integrated Nutrient Management in pigeonpea (*Cajanus cajan*) ased intercropping system Indian Journal of Agronomy, 63(1):39-44. (NAAS-5.40).
 98. Rajesh Kumar, Neeraj Kumar, Jang Bahadur Rana, Chandrpal and Navneet Kumar Nov. (2018). Impact of Integrated management on nutrient uptake by maize crop from soil under rainfed water condition in Eastern part of Uttar Pradesh, India. International Journal of Current microbiology and applied science. 7(9):3778-3787. (NAAS-5.38).
 99. Kumar, A., Nand, V., Kumar, R., Doharey, R. K., Singh, M. P. and Verma, S. K. (2018). Effect of leaf colour chart based nitrogen management on growth and uptake of rice (*Oryza sativa* L.) cultivar in eastern utter Pradesh. International Journal of Chemical Studies, 6(2): 2492-2497. (NAAS-5.31).
 100. Nand, V., Kumar, R., Doharey, R.K., Singh, M.P. and Verma, S.K. (2018). Study about the interaction effects on varieties and plant geometry on growth and yield of hybrid and composite maize (*Zea mays* L.) on rabi season. International Journal of Chemical Studies, 6(2): 2539-2544. (NAAS-5.31).
 101. Kumar, R., Nand, V., Doharey, R. K., Verma, S.K. and Raju (2018). Effect of seed rate and weed management practices on groth parameters and dry matter accumulation of late sown wheat (*Triticumaestivum*L.) International Journal of Chemical Studies, 6(2):2498-2502. (NAAS.-5.31).
 102. Kumar, R., Yadav, S., Nand, V., Verma, S.K., Yadav, N. and Kumari, A. (2018). Effect of different nitrogen levels and varieties on yield of barley (*Hordeumvulgare* L.). Multilogic in Science, vol. 8: 242-245. (NAAS.-5.20).
 103. Abhineet, Kumar, R., Singh, U., Nand, V., Singh. R., Singh, A. and Kumar, D. (2018). Effect of restricted irrigation levels on growth of various varieties wheat (*Triticumaestivum*L.). Multilogic in Science, vol. 8: 246-250. (NAAS.-5.20).
 104. Kumar, M.; Singh, R. P.; Pandey, V. K.; Singh, A.; Singh, V.; Tiwari, A. and Yadav, R. S. (2018). Effect of nitrogen levels and weed management practices on weed flora, yield and nutrient uptake by wheat grown in zero-till condition. International Journal of Chemical Studies. Vol. 6 (6):2084-2087. (NAAS-5.31).
 105. Kumar R, Singh R. S., Pandey Deepak and Kumar Monoj (2018). Weed Management effect on weeds, crop, nutrients uptake and soil physico-chemical properties in blackgram. Indian Journal of Weed Science 50(2) 180-181. (NAAS-5.17)
 106. Pandey V.K., Singh, B.N., Tiwari R.C., Singh Vipul, Manoj, Singh Ajay, Prashant and Singh Ajit. (2018). Performance of different tillage practices and moisture regimes on yield attributes, yield and economics of wheat. International J. of Current Microbiology and Applied Sci. ISSN: Vol. 6(6). pp. 2851-2854. (NAAS.-5.38)
 107. Singh, Vipul, Singh, R.S., Singh, Ghanshyam, Singh, B.N. and Singh Raghvendra. Effect of phosphorus levels on the growth characters and yield of

- wheat (*Triticum aestivum* L.) varieties growth under late sown condition. *International J. C.S.* 2018; 6(5): 2468-2471. (NAAS.-5.31)
108. Chandan Singh, S. F. A. Zaidi, Manoj Kumar, Rajeev Singh, Vineet Singh and Maneesh Kumar. (2018). Effect of INM modules and different cultural practices on properties of silty clay loam soil. *International Journal of Current Microbiology and Applied Sciences* 7(1):653-658 (5.38).
 109. S. F. A. Zaidi, Brajendra and S. P. Giri (2018). Nutrient Mining and Potential and low cost indicative/corrective measures. *International Journal of Current Microbiology and Applied Sciences* 7(1):6 (5.38).
 110. S.F.A. Zaidi, Brajendra and S. P. Giri (2018). Contemporary soil health prospective. *International Journal of Current Microbiology and Applied Sciences* 7(1):6 (5.38).
 111. Shadab Alam, Adesh Kumar, Arun Kumar, Shambhoo Prasad, Ashutosh Tiwari, Divya Srivastava, Shalini Srivastava, Praveen Tiwari, Jaswant Singh and Bhawana Mathur (2018). Isolation and Characterization of pesticide tolerant bacteria from brinjal rhizosphere. *International Journal of Current Microbiology and Applied Sciences. Special Issue 7: 4849-4859.*(NAAS Raring 5.38).
 112. Bandana Jaiswal, Shambhoo Prasad, Reena Rani, Sonam Singh, Ashish Kumar, Adesh Kumar and RK Yadav (2018). Evaluation of wheat (*Triticum aestivum* L) lines at reproductive stage for heat stress tolerance. *International Journal of Current Microbiology and Applied Sciences. Special Issue 7: 1350-1357.*(NAAS Raring 5.38).
 113. Ashish Kumar Maurya, Laxmi Prasad, Ravi Kumar and Shakila Khan (2018). Morphometric relationships and meristic characteristics of ticto barb (*Pethia ticto* (Hamilton, 1822) from Gomti River, Uttar Pradesh. *Journal of Entomology and Zoology Studies* ; 6(2) : 1877-1880. NAAS rating 5.53.
 114. Dinesh Kumar, Laxmi Prasad, Ashish Kumar Maurya, CP Singh and Shakila Khan (2018). Exploration of native and exotic fish germplasm in middle stretch of Ramganga River, Uttar Pradesh. *Journal of Entomology and Zoology Studies*; 6(2) : 2892-2896. NAAS rating 5.53
 115. Kumar Brijesh; Singh, Pratibha; Singh, R.P.; Kewat, R.N.; & Singh Ramesh P. (2018). Evaluation of quality parameters at ripening stage in new tomato (*Lycopersicon esculentum* mill) germplasm. *Int. J. Curr. Microbiol. Appl. Sci. Special Issue 7: 117-122.*
 116. Verma, J.P.; Kewat, R.N.; Singh, Pratibha; Singh, R.P. Brijesh, Kumar, Ajay and Mishra, K.K. (2018). Biochemical composition of pearl millet germplasm collected from Eastern U.P. *Journal of Pharmacognosy and Phytochemistry* 7(2): 1888-1889.
 117. Singh, Harendra; Singh, R.P.; Singh, D.P.; Singh, Pratibha and Singh Rajan Pratap (2018). Response of organic farming on quality evaluation of rice (*Oryza sativa* L.) *Journal of Pharmacognosy and Phytochemistry* 7(2): 2169-2171.
 118. Ram.S. and Singh, R.P. (2018) Biochemical evaluation of mineral profile and ascorbic acid content in various ripened mango (*Mangifera indica* L.) fruits *Int. Jour.Curr.Microbiol. App. Sci* (2018) 7: 2801-2805.
 119. Chauhan, Dharmadew and Kewat, R.N. (2018). Biochemical studies of small fishes existing in Eastern U.P. *J. Exp. Zool. India.* 21(1): 283-287.
 120. Vikram, Nitin; Kewat, R.N.; Khan, N.A.; Husain, Raja and Kunwar Gyanendra (2018). Comparative grain quality evaluation of rice varieties. *Int. J. Curr. Microbiol. App. Sci. Spl. Issue. 7: 4567-4573.*

121. Kumar, A. and Singh, Pratibha (2018). Biochemical antioxidative characters of underutilized fruits (Aonla, Bael, Ber, Jackfruit and Kaitha). *International Journal of Chemical Studies* 6(3):420-423.
122. Vishwakarma, S.K.; Singh, R.P.; Singh, Pratibha and Kewat, R.N. (2018). Periodical evaluation of enzymes and pigments in mango varieties during storage in card board carton by post harvest application of salicylic acid. *Journal of Pharmacognosy and Phytochemistry*; SP2: 238-242.
123. Shyam, R. and Singh, R.P. (2018) Evaluation of physiological characteristics, nutritional composition and anti-nutritional factors of kodo millet (*Paspalum scrobiculatum* L.) germplasm grown in eastern U.P., *Journal of Pharmacognosy and Phytochemistry*; 7(3): 1541-1545.
124. Gupta, S.D.; Singh, Pratibha; Manjri, Singh, Akansha & Kewat, R.N. (2018). Evaluation of yield parameter & biochemical characterization of drought tolerant and sustainable chickpea genotypes. *International J. Of Chemical Studies*. 6(2): 2301-2305.
125. Kumar, A.; Singh, Pratibha & Singh, Mukesh (2018). Assessment of physico-chemical properties of miner foods aonla, bael, ber, jackfruit and kaitha. *Journal of Pharmacognosy and phytochemistry*. SP2:05-09.
126. Ajit Singh, AK Singh, UP Sahai, SP Singh and Smarpal Singh (2018). The analysis of Climate Variability/ weather trends (past and future) in eastern U.P. *Journal of Pharmacognosy and Phytochemistry*, 7(1): 1092-1096.
127. Kumar, Nitish, Singh, A.K., Mishra, S.R., Mishra, A.N., Chaudhary, R. and Singh, P.K. (2018). Performance and growth of chickpea cultivars on DSSAT simulation model. *Journal of Pharmacognosy and Phytochemistry*, 7(2): 3397-3400.
128. Yadav, A., Singh, A.K., Chaudhary, R and Mishra, S.R. (2018). Effect of planting geometry on growth and yield of mustard [*Brassica juncea* (L.) varieties. *Journal of Pharmacognosy and Phytochemistry* 7(3): 3614-3617.
129. Kumar, A., Singh, A.K., Kumar, S., Kumar, D., Gopal, T., Pandey, D. and Pandey, V.K. (2018). Effect of nutrient management and moisture regime on growth and yield of wheat. *J. of Pharmacognosy and Phytochemistry* 7(1): 610-613.
130. Kumar, A., Kumar, S., Singh, A.K., Kumar, D., Harikesh, Gopal, T., Pandey, D. and Pandey, V.K. (2018). Effect of moisture regime and nutrient management system on yield and economics of wheat. *Int. J. Curr. Microbiol. App. Sci.* 7(2): 59-66.
131. Gautam, D.K. and Yadav, G. C. (2018). Heritability (narrow sense) and genetic advance of growth, yield and quality traits in bottle gourd [*Lagenaria siceraria* (Mol.) Standl]. *Journal of Pharmacognosy and Phytochemistry*. SP1 : 98-100.
132. Kumar, P.; Ram, C.N.; Yadav, G.C.; Bajpai, R. K. ; Singh, D. and Shrivastav, S. P. (2018). Character association and path coefficient analysis of yield and its contributing traits in tomato (*Solanum Lycopersicon* Mill.). *Journal of Pharmacognosy and Phytochemistry*. SP1 : 293-297.
133. Kumar, V. ; Mishra, D.P.; Yadav, G.C.; Yadav, S.; Kumar, S.; Shivam and Harikesh (2018). Perse performance of pumpkin genotypes for growth and yield traits under Eastern Uttar Pradesh Conditions. *Journal of Pharmacognosy and Phytochemistry*. SP1 : 1455-1459.
134. Yadav, V.; Ram, C. N.; Yadav, G.C.; Sriom; Srivastav, S. P.; Bhargav; K.K. and Jain, A. (2018). Character association and their direct and indirect relationship between yield and its contributing traits in taro (*Colocassia*

- esculenta L. var. Antiquorum). Journal of Pharmacognosy and Phytochemistry. 7(2): 771-775.
135. Singh, S. P.; Singh, T.; Yadav, G. C. and Dohare. A.P.S. (2018). The Effect of Different Planting Dates and Varieties on Yield and Yield Attributes of Potato (*Solanum tuberosum* L.). Int. J. Curr. Microbiol. App. Sci. Special Issue-7: 3128-3133.
 136. Singh, S. P.; Singh, T.; Yadav, G.C. and Singh. S.(2018). Influence of Different Planting Dates on Late Blight Incidence and Yield of Potato (*Solanum tuberosum* L.). Int. J. Curr. Microbiol. App. Sci. Special Issue-7: 3134-3137.
 137. Kumar, V.; Mishra, D.P.; Yadav, G. C. and Babu, U. (2018). Studies on genetic component analysis and gene action for growth, yield and yield attributing traits of pumpkin. International Journal of Chemical Studies. 6(2): 2695-2699.
 138. Bajpai, R.K.; Yadav, G.C.; Tripathi, V.; Singh, D.; and Kumar, P. (2018). Assessment of genetic variation for growth and economic traits among the genotypes of tomato (*Solanum lycopersicum* (Mill.) Wettst.). Journal of Pharmacognosy and Phytochemistry. PS1:1606-1609.
 139. A.K. Singh, V.P. Pandey, D.K. Dwivedi, Archana Singh, P. Kumar, K.A.P. Singh and Sriom (2018) Quantitative analysis of selection parameters in yield contributing traits of turmeric (*Curcuma longa* L.) genotypes International Journal of Chemical Studies 6(3):651-656.
 140. Archana Devi, K. Kumar, Ranjan Dwivedi, Saket Dwivedi, Preeti Kumari, Neeta Tripathi and DK Dwivedi (2018). Triple test cross analysis for seed yield, oil content and its component for Indian mustard (*Brassica juncea* L. Czern and Coss.). International Journal of Current Microbiology and Applied Sciences Special issue 7 : 4246-4253.
 141. D.K. Dwivedi, Sunil Kumar, Reeshu Singh, Preeti Kumari and Archana Devi (2018). Phenotypic and proteomic responses of rice to complete submergence. International Journal of Current Microbiology and Applied Sciences Special issue 7: 4303-4311.
 142. Divya Srivastava¹, Mamta Baunthiyal, Adesh Kumar, Shambhoo Prasad, Sanghmitra and Sonam Singh (2018). Effect of Variable Lead Concentrations on Biochemical Properties of Two Varieties of *Triticum aestivum* L. (Wheat): A Comparative Study, Int. J. Curr. Microbiol. App. Sci Special Issue-7: 3106-3113.
 143. Md. Shamim, Md. Waseem Siddiqui, N.A.Khan, Deepti Srivastava, Deepak Kumar, Mahesh Kumar, Sanjeev Kumar, V.B. Jha and K.N.Singh (2018). Comparative biochemical analysis of enzymatic scavengers and defence signaling molecules after *R. solani* infection in rice and barley. International journal of current microbiology and applied science. Special issue7: 4476-4487
 144. N.A. Khan, Pradeep Kumar Bharti, Raja Husain, Kunvar Gyanendra, Anamika Kaushal, Shambhoo Prasad, Nandan Singh and K.N. Singh (2018). Screening of different pigeon pea (*Cajanus cajan* L. Millspaugh) varieties against pod borer (*H. armigera*) resistance. International journal of current microbiology and applied science Special issue 7: 224-229
 145. Nitin Vikram, R. N. Kewat, N.A. Khan, Raja Husain and Kunvar Gyanendra (2018). Comparative grain quality evaluation of rice varieties. International journal of current microbiology and applied science Special issue7: 4567-4573
 146. Pratibha Yadav, Pankaj Singh, Harishchandra, Gaurav Kumar, Shivani, N. A. Khan and D. K. Dwivedi (2018). Estimation of genetic variability and genetic

- advance of thirty rice (*Oryza sativa* L.) International journal of current microbiology and applied science Special issue7: 1531-1539
147. Praveen Fatima, Anurag Mishra, N. A. Khan and K. N. Singh (2018). Towards developing bacterial leaf blight (BB) resistance rice varieties of eastern Uttar Pradesh by using marker assisted selection. International journal of current microbiology and applied science Special issue7: 1090-1097
 148. Preeti Kumari, Archana Devi, Ranjan Dwivedi, Saket Dwivedi, Ram Kishor and D.K. Dwivedi (2018) Genetic Divergence in Indigenous and Exotic Rice (*Oryza sativa* L.) under saline-alkali condition, International Journal of Current Microbiology and Applied Sciences Special issue 7: 4546-4553
 149. Reena Rani, Shambhoo Prasad, Bandana Jaiswal, Sonam Singh, Ashish Kumar, Vishwas Mishra, Neeraj Kumar and Vinod Singh (2018). Screening of Wheat Varieties (*Triticum aestivum* L.) under Natural Salt Stress Condition for Yield and Yield Related Traits, Int. J. Curr. Microbiol. App. Sci Special Issue-7: 2746-2751.
 150. Shambhoo Prasad, Bandana Jaiswal, Sonam Singh, Reena Rani, Vishwajeet yadav, Ashish Kumar, Vishwas Mishra, N.A. Khan, R.K. Yadav and M.P. Singh. (2018). Evaluation of wheat (*Triticum aestivum* L.) Varieties for heat tolerance at grain growth stage by Physio-molecular approaches. International journal of current microbiology and applied science Special issue 7: 3745-3750.
 151. Shivani, D. K. Dwivedi, Raja Husain, Kunvar Gyanendra and N.A. Khan (2018). Genetic divergence for yield and other quantitative traits in rice (*Oryza sativa* L.) International journal of current microbiology and applied science 7(1): 1201-1207.
 152. Sonam Singh, N. A. Khan, Shambhoo Prasad, Poonam, Raja Hussain and K. N. Singh (2018). Controlling pigeon pea pod borer (*Helicoverpa armigera*) by natural toxin(s) isolated from microbes. International journal of current microbiology and applied science Special issue 7: 1151-1158.
 153. Sunil Kumar, Reeshu Singh and D.K. Dwivedi (2018). Inheritance pattern of salinity tolerance and combining ability in rice (*Oryza sativa* L.). International Journal of Current Microbiology and Applied Sciences (Special) 7: 4716-4727.
 154. Tanvi Chauhan, Bavita Yadav, N.A. Khan and K.N. Singh (2018). In vitro seed germination and regeneration potential of *Capsicum annum* L. (Faizabadi Kala) for the production of disease free chilli plant. International journal of current microbiology and applied science Special issue 7: 388-391.
 155. Vikas Dubey, D.K. Dwivedi, Akanksha Singh, Rampreet and Chhavi (2018). Correlation and path coefficient analysis of yield components in rice under drought condition. International Journal of Current Microbiology and Applied Sciences (Special) 7: 4116-4122.
 156. Singh, R. B.; Verma, S. K.; Nishad, R. N. and Yadav, R. D. S. (2018). Screening of Different Wheat Genotype against *Rhizopertha dominica* Feb. Int. J. Curr. Microbiol. App. Sci. ISSN: 2319-7706 Special Issue-7 pp. 3542-3544. NAAS Score- 5.38.
 157. R.D.S. Yadav (2018). Influence of seed encrustation on germination, establishment and seed yield in rapeseed/ mustard. Int. J. Curr. Microbiol. App. Sci. ISSN: 2319-7706 Special Issue-7 pp. 3539-3541. NAAS Score- 5.38.
 158. Singh, R. B.; Verma, S. K.; Nishad, R. N. and Yadav, R. D. S. (2018). Screening of Different Wheat Genotype against *Rhizopertha dominica* Feb. Int. J. Curr. Microbiol. App. Sci. ISSN: 2319-7706 Special Issue-7 pp. 3542-3544. NAAS Score- 5.38.

159. Ekta Pandey, V.N. Rai, Neeraj Singh and Piyush Kumar Singh (2018) Growth in Potato Production: A Zone Wise Analysis in Eastern Uttar Pradesh, India. *Int. J. Curr. Microbiol. App. Sci.* 7 (5) 2429-2434.
160. Singh Ravinder, Upadhya, Bipin, Singh Sadhna and Singh Shashank Shekher (2018). Economics of Wheat Cultivation in Basti district of eastern Uttar Pradesh. *Int. J. Curr. Microbiol. App. Sci.* 7 : 1131-1138. NAAS Score: 5.38
161. Yadav Anjali and Singh Sadhna and Ravindra Singh (2018). Nutritional characteristics and sensory evaluation of *Amorphallus paeoniifolius* flour based value added products. *Int. J. Curr. Microbiol. App. Sci.* 7 : 2793-2800. NAAS Score: 5.38
162. Singh Sadhna, Yadav Anjali & Agrahari Sony (2018). Nutritional Evaluation and sensory characteristics of products developed from waste leaves of cauliflower. *Int. J. Curr. Microbiol. App. Sci.* 7 : 4782-4790. NAAS Score: 5.38
163. Yadav Anjali and Singh Sadhna (2018). Effect of supplementation of elephant foot yam (*Amorphallus paeoniifolius*) flour on sweet biscuit making characteristics. *Int. J. Curr. Microbiol. App. Sci.* 7 : 4782-4790. NAAS Score: 5.38
164. Paswan, S., Niyogi, D., Choudhary, P. K. and Raghubanshi, D. (2018). Ameliorating effect of ascorbic acid on clinicopathological changes of induced subacute arsenic toxicity in broiler birds. *Int. J. Curr. Microbiol. App. Sci. Special Issue 7*: 5084-5094. (NAAS 5.38)
165. Yadav, R., Niyogi, D., Tripathi, K. K., Singh, S. V. and Kumar, M. (2018). The incidence, morbidity and mortality of the diseases of broiler birds in and around NDUAT, Kumarganj, Faizabad. *Int. J. Curr. Microbiol. App. Sci. Special Issue 7*: 5095-5105 (NAAS 5.38)
166. Singh, G. K., Niyogi, D., Tripathi, K. K., Joshi, R. K., Singh, S. V. and Choudhary, P. K. (2018). Incidence of spontaneous *E. coli* infection in broiler chickens in Faizabad and Sultanpur districts of Uttar Pradesh. *Int. J. Curr. Microbiol. App. Sci. Special Issue 7*: 5175-5181 (NAAS 5.38)
167. Singh, S. V., Singh, N. K., Ramakant, Niyogi, D. and Pandey, A. (2018). Synbiotic as an effective tool to treat indigestion in buffaloes: A Field Study. *Int. J. Curr. Microbiol. App. Sci. Special Issue 7*: 255-258 (NAAS 5.38).
168. Varun, V. K. Singh, S. V., Singh, J. P., Ramakant, Singh, N. K. and Niyogi, D. (2018). Therapeutic efficacy of multivitamin injection to treat leucoderma in buffaloes. *Int. J. Curr. Microbiol. App. Sci. Special Issue 7*: 249-254. (NAAS 5.38).
169. Yadav, B. L., Niyogi, D., Tripathi, K. K., Singh, G. K., Yadav, A. and Kumar, M. (2018). Pathomorphological effects of induced subacute chlorpyrifos toxicity in broiler birds and its amelioration with selenium and vitamin E. *Journal of Pharmacognosy and Phytochemistry.*, 7(2): 1877-1882. (NAAS 5.21).
170. Varun, V. K., Singh, J. P., Singh, S. V. and Ramakant, Singh N. K. and Niyogi, D. (2018). Therapeutic efficacy of multimineral injection to treat Leukoderma in buffaloes. *Int. J. Curr. Microbiol. App. Sci. Special issue 7*: 249-254. (NAAS 5.38)
171. Yadav, S., Kumar, D., Singh, S. V., Ramakant, Singh, N. K., Yadav, V., Diwakar, R. P. and Jatan, R. (2018) Therapeutic efficacy of multimineral injection to treat Leukoderma in buffaloes. *Int. J. Curr. Microbiol. App. Sci. Special issue.*, 7: 2705-2709. (NAAS 5.38)
172. Singh, S. V., Singh, N. K., Ramakant, Niyogi, D. and Pandey, A. (2018) Synbiotics as an effective tool to treat indigestion in buffaloes: A field study. *Int. J. Curr. Microbiol. App. Sci. Special issue*, 7: 255-258. (NAAS 5.38)

- 173.S. P. Giri, D. K. Verma, Alok Pandey, R. M. Tripathi, Kumud Singh, Nitendra Prakash and Saurabh Verma (2018) Molecular and Morphological characterization of Narendra Sona: A Newly Released Rice Variety for Uttar Pradesh. *Int.J.Curr.Microbiol.App.Sci.* Special Issue-7:
- 174.Kumud Singh (2018) Comparative Efficacy of Botanicals against Yellow Stem Borer (*Scirpophaga incertulas*, Walker) and Leaf Folder (*Cnaphalocrocis medinalis*, Guenee) of rice in Eastern Uttar Pradesh. *Journal of Pharmacognosy and Phytochemistry*, Volume Special -1, 474-478.
- 175.Rajpoot P., Singh P. K., Verma O. P., Tripathi N., Bahadur Raj and Rani R. (2018). Screening of Rice Genotypes for Resistance to Bacteria Leaf Blight under Sodic Soil. *Int. J. Curr. Microbiol. App. Sci.* 7(2): 560-566 560.
- 176.Mishra, S. P., Singh, V. K., M. K. Verma, Singh, J. and Prakash, C. (2018), Influences Of Various Environmental Factors On Test Day Milk Yield In Murrah Buffaloes. *International Journal Of Current Microbiology & Applied Sci.*, 7: 1425-1429. (NAAS 5.38).
- 177.Verma, R. K. and Joshi, R. K. (2018) Study On Changes Induced by Fowlpox Virus In BGM-70 Cell Monolayers By Fluorescent Antibody Technique. *J. Exp. Zool. India.*, 21(1): 197-199. (NAAS 5.51)
- 178.Singh, A., Joshi, R. K., Joshi, N. and Singh, P. (2018) Isolation and Identification of Multidrug resistant and Methicillin Resistant *Staphylococcus aureus* from Bovine. *Int. J. Curr. Microbiol. App. Sci.* Special Issue, 7: 230-238. (NAAS 5.38)
- 179.Yadav, V., Joshi, R. K. and Diwakar, R. P. (2018) Study of multidrug Resistance in *E. Coli* strains of Poultry Origin. *Int. J. Curr. Microbiol. App. Sci.* Special Issue-7: 403-410(NAAS 5.38)
- 180.Singh, P. K., Joshi, R. K. and Diwakar, R. P. (2018). Identification and study of antibiogram pattern in MRSA from milk sample of farm animal. *Journal of Pharmacognosy and Phytochemistry.*, SPI:1056-1061 (NAAS 5.21)
- 181.Diwakar, R. P., Diwakar, R. K., Yadav, V. and Kant R. (2018). In-Vitro Drug Susceptibility of Isolates from Infertile Large Animals., *J. Curr. Microbiol. App. Sci.*, Special Issue-7: 303-306. (NAAS 5.38)
- 182.Saif, M., Verma. R., Kant, R., Bhatia, S. Yadav, J. P. and Mishra, R. P. (2018). A study on aphrodisiac effect of *Madhuca longifolia* (Flowers) extract in male poultry. *Journal of Pharmacognosy and Phytochemistry.*, 7(2): 3790-3794. (NAAS 5.21)
- 183.Maurya, S. K. and O. P. Singh (2016). Blood Biochemical Profile and Nutritional Status of Dairy Cows under Field Conditions. *Journal of Animal Research*, 6(1): 167-170. (NAAS 5.68)
- 184.Maurya, S. K. (2018). Analysis of mitochondrial DNA variation in Sahiwal cattle. *International Journal of Current Microbiology & Applied Science*, Special Issue (7): 2688-2692. (NAAS 5.38)
- 185.Maurya, S. K. (2018). Relationship of seminal plasma protein with semen characteristics of Murrah buffalo bulls. *International Journal of Current Microbiology & Applied Science*, Special Issue (7): 2683-2687. (NAAS 5.38)
- 186.Yadav, B. M., Maurya, S. K., Yadav, A. and Yadav, S. M. (2018). Polymorphism at Prolactin promoter region and its relation with production performance in Aseel birds. *International Journal of Current Microbiology & Applied Science*, Special Issue (7): 1367-1370. (NAAS 5.38).
- 187.Kumar, H. Srivastava, S., Rajesh Kumar, Rabindra Kumar. and Singh, K. D. (2018). Effect of Ascorbic Acid on Storage Capacity of Murrah Bull

- Epididymal Spermatozoa at Refrigerator Temperatura. *International Journal of Current Microbiology and Applied Sciences*. Special Issue-7: 4380-4386. (NAAS 5.38).
188. A.K. Singh, Maneesh Kumar Pandey, Pankaj Kumar and Vikram. 2017. Bio-efficacy of certain insecticides against rice stem borer, *Scirphaga incertulus* (Walker). *Journal of Experimental Zoology, India*, 20(1):1431-1433. 5.51
 189. Rao, G.P., Madhupriya., Kumar, M., Tomar, S., Maya, B., Singh, S .K. and Johnson, J.M. (2018). Detection and identification of four 16Sr subgroups of phytoplasmas associated with different legume crops in India. *European Journal of Plant Pathology*. 150: 507-513.
 190. Kumar, Ajay., Singh, S.K., Kumar, N., Kumar, Vipin ., Singh, M. and Singh, H. K. (2018). Correlation coefficient between early blight severity, infection rates and meteorological factors in potato under different fungicidal spray. *Journal of AgriSearch* 5(1):44-49. (<https://doi.org/10.21921/jas.v5i01.11133>).
 191. Dubey, Khushboo and Singh, Sushil Kumar (2018). Efficacy of different soil amendments on disease incidence wilt of lentil. *International Journal of Chemical Studies* 6(5): 72-74.
 192. Dubey, Khushboo and Singh, Sushil Kumar (2018). Efficacy of different soil amendments on disease incidence wilt of lentil. *International Journal of Chemical Studies*, 6(5): 72-74
 193. Kumar, Susheel., Pande, S. K., Singh, S. K., Yadav, J. K. and Saini, Rajesh (2018). Evaluation of Aloe vera genotypes against leaf rot disease under field condition. *Indian Phytopathology*. <https://doi.org/10.1007/s42360-018-0029-8>.
 194. Rathore, U. S., Singh, S. K., Kumar, Sandeep and Rishi, Saloni (2018). Application of botanicals for effective management of *Alternaria* blight of Pigeon pea. *Journal of Pharmacognosy and Phytochemistry*, SP2: 328-338
 195. Verma, G., Singh, S. P., Singh, S. K., Pal, C., Verma, S. and Singh, N. (2018). Effect of different nitrogen doses on various characters against foliar blight of wheat. *Int.J.Curr.Microbiol.App.Sci.* 7(11): 1918-1924.
 196. Maurya, S.P., Tiwari, J. And Rekha (2018) Agricultural Education System and Co-curricular activities for Doubling Farmers Income *International Journal of Agriculture Sciences* Vol 10 No. 16 (2018):6985-6987 NAAS Rating – 4.2 I
 197. Maurya, S.P (2018). Annual Income of Kharwar Tribes of Kaimur Bihar. *Multilogic in Science* Vol. VIII Special issue RKVY Nov. 2018 Seminar NDUAT ISSN 2277-7601. P191-192. NAAS Rating – 5.2 M088
 198. Maurya, S.P. (2018) Food and Nutrition Security Among Kharwar Tribals of Bihar. *Journal of Pharmacognosy and Phytochemistry* Vol. 7 Special Issue -4 Part I 430-432. NAAS -5.21 J399.
 199. Mohit Kumar, S.N. Singh, R.R. Yadav, R.K. Doharey, Abhishek Kumar, D.P. Singh and Surendra Kumar (2017) Constrains analysis of Mango growers in Saharanpur district of Uttar Pradesh *Journal of Pharmacognosy and Phytochemistry*, 2017-6(2)- pp.265-267 E-ISSN:2278-4136 P-ISSN:2349-8234
 200. Jagatpal, R.K. Doharey, Kaushik Prasad, S.N. Singh, Rahul Kumar Singh and Manoj Kumar (2017) Communication & psychological behaviours of the sugarcane growers in Sitapur district (U.P.) India *International Journal of Current Microbiology & Applied Sciences*-2017, Vol.-6(3) pp.2013-2020 ISSN:2319-7706

201. Jagatpal, R.K. Doharey, Kaushik Prasad, S.N. Singh, Rahul Kumar Singh and Manoj Kumar (2017) Socio-economic profile of sugarcane growers in Sitapur district (U.P.), India International Journal of Current Microbiology & Applied Sciences-2017 Vol.-6(3) pp.2021-2031 ISSN:2319-7706
202. Kaushik Prasad, R.K. Doharey, S.N. Singh, Rahul Kumar Singh, Manoj Kumar & Atul Kumar (2017) Communication and psychology of behavior of the pigeon pea growers in Chitrakoot district, India. International Journal of Current Microbiology & Applied Sciences,-2017, Vol.-6(3) pp.2032-2037 ISSN:2319-7706
203. Satish Kumar Chakravarty, M.K. Vishwakarma, H. Kumar, R.K. Doharey, Sanjeev singh, C.N. Ram Umesh Babu and Gauri Shankar Verma (2017) Mutagenic efficiency and effectiveness of physical and chemical mutagens alone and their combination with sensitivity of two traditional varieties of aromatic rice (*Oryza sativa* L.) Journal of Agricultural Science, Canada, Canadian Centre of Science and Education, CANADA
204. Deepak Kumar Verma, R.K. Doharey, Shesh Narain, Garima Tiwari, Manoj Kumar and Ravindra Kumar Pandey (2017) Adoption Level of Zinger Growers Regarding Zinger Cultivation Practices International Journal of Current Microbiology and Applied Sciences (IJCMAS), Feb.-2017 Vol.6 (2) pp.1360-1365 ISSN:2319-7706
205. Shesh Narain Singh, S.P. Sonkar, R.K. Doharey, R.K. Singh and Manoj Kumar (2017) Use of Motivational Sources of State Agricultural University Students about Career Preferences International Journal of Current Microbiology and Applied Sciences (IJCMAS), Feb.-2017 Vol.6 (1) pp. 933-940 ISSN:2319-7706
206. Shivam, R.K. Doharey, S.N. Singh, Manoj Kumar, Ashwani Kumar Verma and Vimlesh Kumar (2017) Socio-economic Profile of Potato Growers in Etawah district, Uttar Pradesh International Journal of Current Microbiology and Applied Sciences (IJCMAS), July.-2017 Vol.6 (8) pp.1155-1162, ISSN:2319-7706
207. Shesh Narain Singh, Prakash Singh, R.K. Doharey, P. Saroj S.P. Sonkar and Manoj Kumar (2017) Psychological and Communication Behavior of Dairy Entrepreneurs Bulletin of Environment, Pharmacology and Life Sciences (BEPLS) Aug.-2017 Vol.-6(12): (Accepted) ISSN 2277-1808.
208. Nitish Sharma, Nikita Nehal, Monika Singh, Prashansa Singh, Priyanka Rajpoot, Anand Kumar Pandey, A. H. Khan, A. K. Singh and **R. K. Yadav** (2017). Effect of plant growth regulators on growth biochemical changes and yield of mustard (*Brassica juncea* (L.) CZERN. & COSS.) *Plant Archives* vol. 17 No. 1 pp. 33-38.
209. Nikita Nehal, Nitish Sharma, Monika Singh, Prashansa Singh, Priyanka Rajpoot, Anand Kumar Pandey, A. H. Khan, A. K. Singh and **R. K. Yadav** (2017). Effect of plant growth regulators on growth, biochemical and yield of mustard (*Brassica juncea*(L.) CZERN. & COSS.)under drought stress condition *Plant Archives* vol. 17 No. 1 pp. 580-584.
210. Jai Prakash Verma, R. N. Kewat, R. P. Singh, Pratibha Singh and R. K. Yadav (2017). Evaluation of pearl millet germplasm using physio- biochemical traits collected from eastern U. P. bulletin of environment, pharmacology and life sciences Vol. 6 special issue (5): 584-586.
211. Pawan Kumar Gautam, R. K. Yadav, Kapil Kumar and Manoj Kannaujia (2017). Effect of various levels of zinc sulphate and foliar spray of cytokine on

morphological and yield quality of rice (*Oryza sativa* L.) Under sodic soil. Biochem cell Arch Vol. 17, No 2, pp- 519- 522.

212. Bandana Jaiswal, Shambhoo Prasad, Rakesh Dwivedi, Sonam Singh, Reena Rani, Shalini Shrivastava, Ajay Kumar and R. K. Yadav 2017. Study of yield and yield components of wheat (*Triticum aestivum* L.) genotype at grain filling stage under heat regimes. International journal of purr and applied Bioscience. 5 (4): 331-340.
213. Abhimanyu Yadav, Adesh Kumar, Ved Prakash, Neeraj Kumar Ashutosh Tiwari and R. K. Yadav (2017). Effect of Integrated nutrient management on soil properties yield attributes and yield of wheat (*Triticum aestivum* L.). International journal of current Microbiology and applied sciences. Vol.6 No. 10. pp -225-228.
- 214.

2018-19

1. Kumar, S. and Srivastava, S. (2017). Testicular biometry and its correlation with body weight and semen output in Murrah bull. Buffalo Bulletin., 36(1):105-113) (NAAS 6.10)
2. Saurabh, Srivastava, S., Verma, R. K. Verma, S., Kumar A. and Chaudhary, V. (2018). Effect of Ascorbic Acid on Histopathology during Cryopreservation of Buffalo Bull Epididymis. International Journal of Current Microbiology and Applied Sciences ISSN: 2319-7706 Special Issue-7 pp. 2738-2745(8) (NAAS 5.38)
3. Saurabh, Srivastava, S., Kumar, A., Verma, S., Sharma, P. and Gautam, V. (2018). Study of Testicular Biometry and its Corelation with Epididymal Seminal attribute in Buffalo Bull. The PharmaInnovation Journal: 7(6): 25-256(6). (NAAS 5.03)
4. Saurabh, Srivastava, S., Sharma, P. and Gautam, V. (2018). Effect of Ascorbic Acid on Preservability of Spermatozoa of Buffalo bull after storage of Epididymis at temperatura 400C and -1960C. Journal Entomology and Zoology Studies 2018; 6(3):1065-1070.(NAAS 5.53)
5. Verma, S., Srivastava, S., Verma, R. K., Saurabh, Kumar A. and Yadav, S. K. (2018). Incidence of Repeat Breeding in Cow in and around Kumarganj, Faizabad (Uttar Pradesh), India. International Journal of Current Microbiology and Applied Sciences ISSN:2319-7706 Special Issue-7 pp. 4860-4870. (NAAS 5.38)
6. Khan, M., Singh, V. K., Gautam, S., Tewari, D., Devi, R., Singh, V. B. and Singh, P. (2018). Influence of dietary inclusion of polyherbal mixture on feed intake, hemato-biochemical parameters and carcass traits in broiler chicken. International Journal of Current Microbiology and Applied Sciences, Special Issue-7 pp. 4462-4470 (NAAS 5.38)
7. Singh, V. B., Singh, V. K., Tewari, D., Gautam, S. Devi, R., Singh, S. P., Chaturvedi, S. and Singh, P. (2018). Effect of phytogenic feed additive supplemented diet on economic efficiency and cost of production of broiler chickens. International Journal of Current Microbiology and Applied Sciences, Special Issue-7 pp. 4462-4470 (NAAS 5.38)
8. Singh, V. B., Singh, V. K., Tewari, D., Gautam, S., Singh, P. and Chaturvedi, S. (2018). Effect of polyherbal mixture on growth, carcass characteristics and

- sensory quality of meat in broilers production. *International Journal of Current Microbiology and Applied Sciences*, Special Issue-7 pp. 4462-4470 (NAAS 5.38)
9. Akhil Patel, Rabindra Kumar, R K Verma, Rajesh Kumar, and ChetnaGangwar (2018). Management of Pre-Partum Recto-Vaginal Prolapse in a Cow. *International Journal of Current Microbiology and Applied Sciences*. Special Issue-7: 1244-1247.
 10. K. D. Singh, P. S. Pramanik and Rajesh Kumar (2018). Effect of Stocking Density on Stress Reaction and Mortality in Broiler Chickens. *International Journal of Current Microbiology and Applied Sciences*. Special Issue-7: 182-189
 11. HrideshKumar, SushantSrivastava, RajeshKumar, RabindraKumar, and K D Singh (2018). Effect of AscorbicAcid on Storage Capacity of Murrah Bull Epididymal Spermatozoa at Refrigerator Temperatura. *International Journal of Current Microbiology and Applied Sciences*. Special Issue-7: 4380-4386.
 12. Singh, P., S. Srivastava, V.B. Singh, PushkarSharma and Devendra Singh (2018). Ginger (*Zingiberofficinale*): A Nobel herbal remedy. *International J of Current Microbiology and Applied Sciences* (Accepted)
 13. Saurabh, SushantSrivastava, RjeshKumarVerma, ShailendraVerma, AnandKumar and VikasChaudhary (2018). Effect of AscorbicAcid on Histopathology during Cryopreservation of Buffalo Bull Epididymis. *International Journal of Current Microbiology and Applied Sciences* ISSN:2319-7706 Special Issue-7 pp. 2738-2745(8)
 14. Saurabh, SushantSrivastava, AnandKumar, ShailendraVerma, PushkarSharma and VijayGautam (2018). Study of Testicular Biometry and its Corelation with Epididymal Seminal attribute in Buffalo Bull. *The Pharma Innovation Journal*: 7(6): 25-256(6).
 15. Saurabh, SushantSrivastava, PushkarSharma and VijayGautam (2018). Effect of AscorbicAcid on Preservability of Spermatozoa of Buffalobull after storage of Epididymis at temperatura 400C and -1960C. *Journal Entomology and Zoology Studies*; 6(3):1065-1070.
 16. Maurya, Suman Prasad and Yadav, Supriya (2019) Role of ICDS Functionaries and their job Involvement in Selected block of Faizabad *Multilogic in Science* Vol. VIII Special issue RKVY Nov. 2019 Seminar NDUAT ISSN 2277-7601. P 169-170 NAAS 5.2 M088
 17. Maurya, Suman Prasad, Yadav, Suman, Rekha and Tiwari, Jyoti (2019). Can students be the catalyst in digital education in agriculture and allied fields for food and Nutrition security? *Journal of Pharmacognosy and Phytochemistry* SP-5: 216-218
 18. Maurya, Suman Prasad, Rekha and Tiwari, Jyoti (2019) Mental Health women in agriculture and productivity in agriculture. *Journal of Pharmacognosy and Phytochemistry* SP-5: 393-395
 19. ShailendraVerma, SushantSrivastava, RjeshKumarVerma, Saurabh, AnandKumar and ShivKumarYadav (2018). Incidence of Repeat Breeding in Cow in and around Kumarganj, Faizabad (Uttar Pradesh), India. *International Journal of Current Microbiology and Applied Sciences* ISSN:2319-7706 Special Issue-7 pp. 4860-4870.
 20. Gaurav Panday, PS Pramanik, VK Pal, Mukesh Kumar, Sandeep Kumar Singh, Manoj Kumar and Jaswant Singh (2018). Effect of neem (*Azadirachta indica*) leaves powder against *Coccidia* in commercial broiler chickens. *Journal of Pharmacognosy and Phytochemistry* Spl.Vol: 991-993.(NAAS Rating=5.21).

21. Gaurav Panday, PS Pramanik, Dharmesh Tewari, Mukesh Kumar, AK.Verma and SV Singh (2018). Effect of Dry Neem Leaves (DNL) in the Reduction of Ammonia, pH and Moisture Level of Poultry Litter and its Effect on the Broiler Performance. *Int.J.Curr.Microbiol.App.Sci*, Spl. Vol(7): 1389-1393. (NAAS Rating =5.38).
22. Gaurav Panday, PS Pramanik, AK.Verma, Mukesh Kumar, Amit Tiwari, Abhishek Mishra, Avdesh kumar Yadav, Vijay Gautam (2018). Effect of neem leaf powder supplementation on performance and water intake of broiler chicken. *The Pharma Innovation Journal* 7(4): 778-780. (NAAS Rating= 5.03).
23. Ajeet Kumar Verma, PS Pramanik, KD. Singh, Gaurav Panday, HC.Verma and Rajesh Kumar Verma (2018). Comparative Assessment of Fertility and Hatchability of Kadaknath and Aseel Fowls. *Int.J.Curr.Microbiol.App.Sci* S.I.vol.-7: 1238-1243. (NAAS Rating=5.38).
24. Ravinder Chakravarti, PS Pramanik, Gaurav Panday, Satish Kumar, Prabhat Gautam, Vishvanath Gupta and Birendra Singh (2018). Effect of alum treated litter in reduction of ammonia, pH, and moisture level of poultry litter and its effect on the Broiler Performance. *Journal of Pharmacognosy and Phytochemistry Spl. Vol:* 1084-1087. (NAAS Rating =5.21).
25. Singh,KD; Pramanik,PS and Kumar,R.(2018). Effect of stocking density on stress reaction and mortality in broiler chicken. *Int. J. Curr. Microbiol. App. Sci.*, Spl. Issue(7): 182-189. (NAAS=5.38).
26. Swaroop,S; Pramanik, PS; Singh, KD; Gangwar,AK and Chaudhury,PK(2018). Effect of disbudding on haematological parameters in calves. *Int. J. Curr. Microbiol. App. Sci. Spl. Issue(7):*168-173. (NAAS=5.38).
27. Sachan, A.; Pramanik, PS; Singh, KD; Verma, AK and Verma, MK(2018). Study on man-power utilization pattern of milking operations in dairy animals. *Int. J. Curr. Microbiol. App. Sci. Spl. Issue(7):*174-181.(NAAS=5.38).
28. Vishwakarma, G., Pratap, B.,Yadav, D., and Singh, S.P. (2018). Response of integrated nutrient management on different physical characters of bael (*Algle marmelos Correa*) cv. Narendra Bael-9. *Int. J. Curr. Microbiol. App. Sci.*ISSN:2319-7706vol.8 No.02(2019)pp3311-3349
29. Kumar, A., Pratap, B., and Tyagi, S. (2018). Effect of nutrients on fruit quality of Aonla (*Emblica officinallis Gaertn.*) cv. Chakaiya. *Int. J. Curr. Microbiol. App. Sci. Special Issue7:* 3667-3670.
30. Patel, Y., Yadav, A. Pratap, B., Shivam, and Tiwari, D. K. (2018). Effect of foliar spray of micro nutrients on yield quality of Aonla (*Emblica officinallis Gaertn. L*) cv. NA-6. *J. Pharmaco and Phytochem. SP1:* 1659-1662
31. Dileep Kumar Tiwari, Bhanu Pratap,Sanjay Pathak and Atul Yadav (2018) The effect of pruning, organic and nutrition on flowering and fruiting behavior of Mango cv Amrapali JPP;SPI:1585-1589
32. Neeraj Kumar Maurya, Bhanu Pratap, Abhinav Kumar ,Dheeraj Yadav,Shiv Praksh shrivastav and Abdul Mazeed (2018) Effect of zinc sulphate and gibberllic acid on chemical attributes of winter season guava (*Psidium guajava L.*) cv. Allahabad safeda JPP;7(2) 3136-3138
33. Atul Yadav ,Bhanu Pratap, Shivam, Ashwani Kumar and Angelino Patro (2018) Assess the effect of micro-nutrients and plant growth regulators on quality parameters of Strawberry cv. Chandler TPI;7(8) 303-305.
34. Dubey, Khushboo and Singh, Sushil Kumar (2018).Efficacy of different soil amendments on disease incidence wilt of lentil. *International Journal of Chemical Studies*, 6(5): 72-74

35. Kumar, Susheel., Pande, S. K., Singh, S. K., Yadav, J. K. and Saini, Rajesh (2018). Evaluation of Aloe vera genotypes against leaf rot disease under field condition. *Indian Phytopathology*. <https://doi.org/10.1007/s42360-018-0029-8>.
36. Dubey, Khushboo and Singh, Sushil Kumar (2018). Study Cultural, Morphological and Pathogenic Variation among Different Isolates of *Fusarium oxysporum* f. sp. *lentis*. *Int.J.Curr.Microbiol.App.Sci.* 7(9): xx-xx.
37. Rathore, U. S., Singh, S. K., Kumar, Sandeep and Rishi, Saloni (2018). Application of botanicals for effective management of *Alternaria* blight of Pigeon pea. *Journal of Pharmacognosy and Phytochemistry*, SP2: 328-338.
38. Singh, D.; Pandey, V.P.; Tripathi, V.; Maurya, P.K.; Kumar, P. and Bajpai, R.K. (2018). Studies on genetic divergence in coriander, *Jour. Of Phar. And Phytochemistry*, Feb., page no. 1867-1869.
39. Verma, M.K.; Pandey, V.P.; Singh, D.; Kumar, S. and Kumar, P. (2018). Studies on genetic variability in germplasm of coriander (*Coriandrum sativum* L.), *Jour. Of phar. And Phytochemistry*, page no. 2490-2493.
40. Kumar, A.; Pandey, V.P.; Maurya, V.K., Tiwari, D. and Sriom (2018). Genetic variability, heritability & genetic advance in fenugreek (*Trigonella foenum-graecum* L.). *International Journal of Chemical Studies*. Pp. 154-156.
41. Singh, A.K.; Pandey, V.P.; Dwivedi, D.K.; Singh, A.; Kumar, P.; Singh, K.A.P. and Sriom (2018). Quantitative analysis of selection parameters in yield contributing traits of turmeric. *International Journal of Chemical Studies*. Pp. 651-656.
42. Singh, A.K.; Pandey, V.P.; Singh, V.P.; Singh, A.; Kumar, P.; Singh, K.A.P. and Sriom (2018). Studies on character association and path analysis of yield with important yield contributing traits in turmeric. *International Journal of Chemical Studies*. Pp. 657-661.
43. Ladha Laxmi D., M.S. Prasad, D. Krishnaveni, B. Sailja, Ram Singh, Vindeshwari Prasad, J.S. Lore, Jyoti Jain, M. Surendrem and G.S. Laha (2018) Geographical distribution of false smut disease of rice in India and efficacy of selected fungicides for its management. *International Journal of Pest Management*. [http : doi.org.10 : 1080/09670874.– 1494865](http://doi.org/10.1080/09670874.2018.1494865) (NAAS 7.09).
44. Pandey, M.K., Kumar, N., Singh, H.K. and Kumar, S. (2018). Effect of mancozeb on disease severity, infection rate and seed weight of mustard [*Brassica juncea* (L.) Czern & Coss.] caused by *Alternaria* spp. *Int. J. Curr. Microbiol. App. Sci.* 7(2): 3689-3699. NAAS 5.38
45. Singh H.K., Yadav, J.K., Maurya, M.K. and Singh, S.K. (2018). Management of *Alternaria* blight through genotypes, fungicides, bio-Agents and botanical in rapeseed-mustard. *Int. J. Curr. Microbiol. App. Sci.* 7(2): 1463-2469. NAAS 5.38
46. Chauhan, M.P., Singh H.K., Yadav, J.K., and Singh, S.K. (2018). Genetics and allelic relationship between genes conferring resistance to wilt in linseed. *Indian Phytopath.* 159-162. DOI 10.1007/s42360-018-0017-z. NAAS 5.90
47. Khan, N.A., Singh, S. P., Prasad, S., Singh, N., R., Singh, H.K., Singh, V., Srivastava, D. and Hussain., Dwivedi. D.K. (2018). Biochemical studies of different varieties of Indian mustard (*Brassica juncea* (L.) Czern & Coss) against *alternaria* blight (*Alternaria brassicae* (Berk) Sacc.). *J. Pharmacognosy and Phytochemistry*. SP4: 406-410. NAAS 5.21.
48. Poorna Prakash Hamsha, Verma O. P., Chaudhary Amit Kumar (2018). Genetic variability, Heritability and Genetic advance in Rice (*Oryza sativa* L.) Under salt affected soil. *Int.J.Curr.Microbiol.App.Sci.* 7(5) 3183-3192

49. Rajpoot Priyanka, Singh P.K, Verma, O.P and Tripathi Neeta, Bhadur Raj and Rani Reena (2018). Screening of rice genotype for resistance to Bacteria Leaf Blight under Sodic Soil. Vol. 7(2): 560-566. Int.J.Curr. Microbio.App. Sci,
50. Singh, Neha and Verma, O.P (2018). Genetic variability, and heritability and genetic advance in rice (*Oryza sativa* L.) under salt stressed soil. Journal of Pharmacognosy and Phytochemistry (accepted Ref:Phyto:7-3-421)
51. Tripathi Neeta, Verma O.P., Singh P.K. and Rajpoot Priyanka(2018). Studies on correlation and path coefficient analysis for yield and its components in rice (*Oryza sativa* L.) under salt affected soil. Journal of Pharmacognosy and Phytochemistry. Vol. 7(3): 1626-1629.
52. Tripathi Neeta, Verma O.P., Singh P.K. and Rajpoot Priyanka(2018). Studies on genetic variability, heritability, and genetic advance in rice (*Oryza sativa* L.) for yield and its components under salt affected soil. Int.J.Curr.Microbiol.App. Sci. Special issue- 7: 5316-5324.
53. Rani, Reena; Prasad, Shambhu; Jaiswal, Vandna; Singh, Sonam; Kumar Ashish; Mishra, Vishwash; Kumar, Neeraj and Singh, Vinod (2018). Screening of wheat varieties (*triticum aestivum* L.) under natural salt stress condition for yield and yield related traits. Int.J.Curr.Microbiol.App.Sci special issue-7, pp-2746-2751.
54. Kumar, Anurag; Shiva Nath; Kumar, Anubhav; Yadav, Anand Kumar and Kumar, Deepak (2018). Combining ability analysis for yield and yield contributing traits in Chickpea (*Cicer arietinum* L.). Journal of Pharmacognosy and Phytochemistry , 7(1) : 2522-252.
55. Chandra, Subhash.; Rajvanshi, N.K.; Kumar, Ajay; Yadav, and Kumar, P. (2018). Management of vascular wilt(*F. xysporium* f.sp. *lentis*)J. lentil(*Lensculinaria Medic.*) through botanicals and bioagents.. Journal of Pharmacognosy and Phytochemistry , 7(1) : 2522-252.
56. Neeraj R. Chandra, Subhash. And Kumar, Ajay; (2018). Evaluation of pigeonpea genotypes against *F. udum* Butler under artificial epiphytotic condition... Journal of Pharmacognosy and Phytochemistry Special Issue-4 : 195-196.
57. Neeraj R. Chandra, Subhash. And Kumar, Ajay; (2018). Efficacy of biochemicals, bioagents and fungicides against *F.* causing wilt disease of pigeonpea in – vitro. Journal of Pharmacognosy and Phytochemistry Special Issue-4 : 197-198.
58. Kumar, Anurag; Shiva Nath; Kumar, Anubhav; Yadav, Anand Kumar and Kumar, Deepak (2018). Combining ability analysis for yield and yield contributing traits in Chickpea (*Cicer arietinum* L.). Journal of Pharmacognosy and Phytochemistry , 7(1) : 2522-252.
59. Dharmveer Singh, V. K. Pal, Amit Singh, Vipin Kumar, S.K. Rewani and V.M. Gawali. 2018. in-vivo anthelmintic activity of three herbal plant mixtures against gastrointestinal nematodes in goats. Multilogic in science. 8:321-23.
60. Amit Singh, Daya Shanker, Amit kumar Jaiswal, Vikrant Sudan and Sanjeev erma. 2018.. Prevalence and distribution pattern of sarcocystosis in buffaloes of semi-arid india . multilogic in science. 8:147-149.
61. Gaurav Panday, PS Pramanik, VK Pal, Mukesh Kumar, Sandeep Kumar Singh, Manoj Kumar and Jaswant Singh. 2018. Effect of neem (*Azadirachta indica*) leaves powder against *Coccidia* in commercial broiler chickens. Journal of pharmacognosy and phytochemistry. 991-993.

62. Jaiswal,A.K., Shanker,D.,Sudan,V. and Singh,A.(2018) Diagnostic potential of low molecular weight excretory secretory proteins of Paramphistomum epiclitum for caprine amphistomosis.Veterinary Parasitology.257:5-9.
63. Choudhary, P.K., Ishwar, A.K., Kumar, R., Niyogi, D. and Kumar, M. (2018). Effect of exogenous melatonin and different photoperiods on oxidative status and antioxidantenzyme in Chotonagpuri ewe. Vet. World. , 11 (2): 130134 (NAAS rating: 5.71)
64. Paswan, S., Niyogi, D., Choudhary, P.K. and Raghubanshi, D.(2018).Ameliorating effect of ascorbic acid on clinicopathological changes of induced subacute arsenic toxicity in broiler birds. Int. J. Curr. Microbiol.App.Sci. Special Issue 7: 5084-5094 (NAAS rating: 5.38)
65. Yadav, R., Niyogi, D., Tripathi, K.K., Singh, S.V. and Kumar, M. (2018). The incidence, morbidity and mortality of the diseases of broiler birds in and around NDUAT, Kumarganj, Faizabad. Int. J. Curr. Microbiol.App.Sci. Special Issue 7: 5095-5105 (NAAS rating: 5.38)
66. Singh, G.K., Niyogi, D., Tripathi,K.K., Joshi, R.K., Singh, S.V and Choudhary, P.K. (2018). Incidence of spontaneous E. coli infection in broiler chickens in Faizabad and Sultanpur districts of Uttar Pradesh. Int. J. Curr. Microbiol.App.Sci. Special Issue 7: 5175-5181 (NAAS rating: 5.38)
67. Singh, S.V, Singh, N.K., Ramakant, Niyogi, D. and Pandey, A. (2018). Synbiotic as an effective tool to treat indigestion in buffaloes: A Field Study. Int. J. Curr. Microbiol.App.Sci. Special Issue 7: 255-258 (NAAS rating: 5.38)
68. Varun,V.K. Singh, S.V., Singh, J.P., Ramakant, Singh, N.K. and Niyogi, D. (2018).Therapeutic efficacy of multivitamin injection to treat leucoderma in buffaloes. Int. J. Curr. Microbiol.App.Sci. Special Issue 7: 249-254 (NAAS rating: 5.38).
69. Choudhary, P.K.,Ishwar, A.K., Bablee Jyoti, Kumar, R., Niyogi, D., Kumar, M., Kumar, p. and Mourya, P.K.(2018).Effect of exogenous melatonin and different photoperiods on serum glucose and total serum protein levels in Chotonagpuri ewe. Int. J. Curr. Microbiol.App.Sci. Special Issue 7: 281-285 (NAAS rating: 5.38)
70. Choudhary, P.K., Ishwar, A.K., Kumar, R., Niyogi, D. and Kumar, M. (2018). Effect of exogenous melatonin and different photoperiods on oxidative status and antioxidantenzyme in Chotonagpuri ewe. Veterinary World , 11 (2): 130-134
71. Yadav, B.L., Niyogi, D., Tripathi, K.K., Singh, G.K., Yadav, A. and Kumar, M. (2018). Pathomorphological effects of induced subacute chlorpyrifos toxicity in broiler birds and its amelioration with selenium and vitamin E. Journal of Pharmacognosy and Phytochemistry, 7(2): 1877-1882
72. Yadav, D. K.; Singh, S.V.; Ramakant; Singh, N.K.; Singh, J.P.; Niyogi, D. and Verma, H.C. (2018). Socio-economic status of goat farmers of Vindhyan zone of eastern Uttar Pradesh, India. Multilogic in Science, 8 (Spl. E): 219-223
73. Singh, G.K.; Niyogi, D.; Tripathi, K.K.; Joshi, N.; Vaish, A. and Mishra, A. (2018). Pathomorphological changes in broiler chickens due to spontaneous E. coli infection. Journal of Pharmacognosy and Phytochemistry, 7(5): 798-801
74. Vaish, A.; Niyogi, D.; Tripathi, K.K.; Joshi, R. K.; Singh, S.V. and Singh, G.K. (2018). Pathological studies on lymph nodes of buffaloes. Multilogic in Science, 8 (Spl. E): 227-234
75. Yadav, S. M.; Niyogi, D.; Tripathi, K.K.; Joshi, R. K.; Yadav, V.; Singh, S.V. and Diwakar, R.P. (2018). Epidemiological and microbiological study of

- bacterial enteritis in chicken in eastern plain zone of Uttar Pradesh. *Multilogic in Science*, 8 (Spl. Issue RKVY): 95-98
76. Paswan, S.; Niyogi, D.; Singh, D.D.; Tripathi, K.K.; Joshi, N. and Yadav, S. M. (2018). Ameliorative effect of ascorbic acid on pathomorphological changes of induced sub-acute arsenic toxicity in broiler birds. *Multilogic in Science*, 8 (Spl. Issue RKVY): 65-70
 77. Kumar, Y.; Singh, D.D.; Niyogi, D.; Singh, S.V.; Singh, A.; Yadav, S.K. and Singh, V.K. (2018). Effect of sub-acute lead toxicity on feed consumption, body weight gain and blood parameters in broiler birds and its mitigation with vitamin-E and selenium. *Multilogic in Science*, 8 (Spl. Issue RKVY): 18-22
 78. Choudhary, P.K.; Ishwar, A.K.; Maurya, P.K.; Kumar, P.; Niyogi, D. and Kumar, M. (2018). Effect of exogenous melatonin and different photoperiods on total leucocyte count in Chhotanagpuri ewe. *Multilogic in Science*, 8 (Spl. Issue RKVY): 136-138.
 79. Atik Ahamad, Neeraj Kumar and Deviden Yadav (2018) Integrated Nutrient Management in pigeonpea (*Cajanus cajan*) ased intercropping system *Indian Journal of Agronomy*, 63(1):39-44.
 80. Neeraj Kumar, M.V.Singh, R.K. Srivastava and Shambhoo Prasad(2018) Nutrient Management in Jute-Rice Cropping System, An International Referred , Peer Reviewed & Indexed Quarterly Journal in Science, Agriculture & Engineering) *Multilogic in science*, Vol. VIII, Special issue, RKVY Nov. 2019 ISSN 2277-7601 pp 355
 81. M.V.Singh, Neerej Kumar, R.K. Srivastava and Vinay Kumar. Productivity and Profitability of Kharif & Maize (ZEA Mays L.) Hybrid under various nutrient management practices. *Multilogic in science*, Vol. VIII, Special issues, RKVY Nov. 2018 seminar NDUAT, Ayodhya pp 249 to 251.
 82. Rajesh Kumar, Neeraj Kumar , Jang Bahadur Rana, Chandrpal and Navneet Kumar Nov. (2018) Impact of Integrated management on nutrient uptake by maize crop from soil under rainfed water condition in Eastern part of Uttar Pradesh, India. *International Journal of Current microbiology and applied science*. 7(9):3778-3787.
 83. Rajesh Ranjan Kumar, Neeraj Kumar, Jang Bahadur Rana, Kedar nath Rai (Nov. 2018) *International Journal of C urrent Microbiology and Applied Science* 7(9):21-34.
 84. PoornaPrakashHamsha, Verma O. P., ChaudharyAmit Kumar (2018). Genetic variability, Heritability and Genetic advance in Rice (*Oryzasativa L.*) Under salt affected soil.. 7(5) 3183-3192. *Int.J.Curr.Microbiol.App.Sci* NAAS 5.38
 85. RajpootPriyanka, Singh P.K, Verma, O.P and Tripathi Neeta, Bhadur Raj and Rani Reena (2018). Screening of rice genotype for resistance to Bacteria Leaf Blight under Sodic Soil. Vol. 7(2): 560-566. *Int.J.Curr.Microbiol.App.Sci* NAAS 5.38
 86. Singh,Neha and Verma,O.P (2018). Gentic variability, and heritabilityand genetic advance in rice (*Oryzasativa L.*) under salt stressed soil. (accepted Ref:Phyto:7-3-421), *Journal of Pharmacognosy and Phytochemistry* NAAS 5.21
 87. Tripathi Neeta, Verma O.P., Singh P.K. and RajpootPriyanka(2018). Studies on correlation and path coefficient analysis for yield and its components in rice (*Oryzasativa L.*) under salt affected soil.. Vol. 7(3): 1626-1629. *Journal of Pharmacognosy and Phytochemistry* NAAS 5.2

88. Tripathi Neeta, Verma O.P., Singh P.K. and RajpootPriyanka(2018). Studies on genetic variability, heritability, and genetic advance in rice (*Oryzasativa L.*) for yield and its components under salt affected soil. Special issue- 7: 5316-5324. *Int.J.Curr.Microbiol.App. Sci.* NAAS 5.21
89. Singh, K.P.; Singh, Tejasvi; Singh, Vinod; Verma, O.P.and Singh, Snehansu (2018). Divergence analysis in certain genotypes of wheat (*Triticumaestivum L. em. Thell.*), Vol. 8(1): 507-510. *J.Pharmacognosy and Phytochemistry* NAAS 5.21
90. Tripathi, Neeta, Kumar, K., Tiwari, Rita, Devi, Archana Verma, O.P., Dwivedi, D. K. and Singh P.K. (2018) Genetic diversity for seed yield, its components and oil content in Indian mustard [*Brassicajuncea(L.) Czern and Coss7(6): 2220-2226.*]normal and saline/alkaline condition. *Int. J. Current Microbiology and Appl. Sci.*, NAAS 5.3
91. Piyusha Singh and Naveen Kumar Singh (2018) Characterization of promising wheat lines by seed storage protein through sodium Dodecyl sulphate polyacrylamide gel electrophoresis.ISSN-2278-4236, 2018 pp 128-130. *Journal of Pharmacognosy and Phytochemistry.* NAAS 5.21
92. Piyusha Singh and Naveen Kumar Singh (2018). Comparative Study of Genetic Diversity in wheat, using Agro-Morphological traits and Microsatellite Marker. ISSN 2277-7601.*Multilogic in Science* NAAS 5.20
93. Piyusha Singh and Naveen Kumar Singh (2018). “SSR Molecular Marker are efficient tools for finding Genetic Diversity in Bread Wheat. ISSN-2319-7706 Special Issue-7 pp 1098-11053. *International Journal of Current Microbiology and Applied Sciences.* NAAS 5.38
94. Ladha Lakshmi D, Srinivas Prasad M, Prakasan V, Krishna Veni D, Saija B, Ram Singh,Vindeshwari Prasad , Jagjeet Singh Lore, Jyoti Jain, Surendran M & G S Laha (2018) Geographical distribution of false smut disease of rice in india and efficacy of selected fungicides for its management. *International journal of pest management.* 65(2): 177-185
95. S. P. Giri1, D. K. Verma, Alok Pandey, R. M. Tripathi, Kumud Singh, Nitendra Prakash and Saurabh Verma (2018) Molecular and Morphological characterization of Narendra Sona: A Newly Released Rice Variety for Uttar Pradesh. *Int.J.Curr.Microbiol.App.Sci* (2018) Special Issue-7:
96. Rajesh Kumar, VishuddhaNand, RK Doharey, Sanjay Kumar Verma and Raju (2018). Effect of seed rate and weed management practices on growth parameters and dry matter accumulation of late sown wheat (*Triticumaestivum L.*) *Jr. of Pharmacogonosy and Phytochemistry* 6(2): 2498-2502.
97. VishuddhaNand, Rajesh Kumar, RK Dohrey, SK Verma and Raju (2018). Maize (*Zea mays*) crop at various stages of growth in *rabi* season as influenced by varieties, plant geometry and nutrient management. *International Journal of Current microbiology and applied sciences*, 7: 989-997.
98. Rajesh Kumar, Vishuddha Nand, RK Doharey, S K Verma and Anjali (2018). Effect of seed rate and herbicides on yield attributes and yield of late sown wheat (*Triticumaestivum L.*). *Int. J. of Current Microbiology and Applied Sciences.* (7). 2582-2589
99. VishuddhaNand, Rajesh Kumar, RK Doharey, MP Singh and S K Verma(2018). Study about the interaction effects on varieties and plant geometry on growth and yield of hybrid and composite Maize (*Zea mays L.*) on *rabi* season.*Int. Jr. of Chemical studies*, 6(2):2539-2544.

100. Anil Kumar, Vishuddha Nand, Rajesh Kumar, RK Doharey, MP Singh and SK Verma(2018). Effect of leaf colour chart based nitrogen management on growth and uptake of rice (*Oryzasativa* L.) cultivar in eastern Uttar Pradesh .*Int. Jr. of Chemical studies*, 6(2):2492-2497.
101. Rajesh Kumar, ShipraYadav, Vishudha Nand, Sanjay Kumar Verma, NeerajYadav(2018). Effect of different nitrogen levels and varieties on yield of barley (*H. vulgare*) under sodic soil. *Multilogic in Science*, VIII RKVY Nov: 242-245.
102. Vishuddha Nand, R Yadav, Rajesh Kumar, RK Doharey, SK Verma, NeerajYadav and RK Yadav(2018). Effect of fertilizers and cutting schedule on growth and quality of dual purpose barley crop (*Hordeumvulgare* L.) *Jr. of Pharmacogonosy and Phytochemistry*, 8(2): 126-130.
103. Vishuddha Nand, R.K. Gupta, R.S. Yadav, K.D Singh, R.K. Yadav and A.K. Shrivastav (2018). Impact of irrigation nutrient management (INM) on growth of Berseem (*Trifolium alexandrinum* L.). *Jr. of Pharmacogonosy and Phytochemistry*. S4:254-258.
104. Abhineet, Rajesh Kumar, Uma Singh, Vishuddha Nand, Raghvendra Singh, Anand Singh and Dheeraj Kumar (2018). Effect of restricted irrigation levels on growth of various varieties of wheat(*Triticum aestivum* L.). *Multilogic in Science, sapcial issue VIII RKVY Nov*: 346-350.
105. Shiv swroop, P.S. Pramanik, K.D. Singh, A.K. Verma, Vishuddha Nand and A.K Srivastav (2018). Study the physio-hematological response before and after disbudding in calves. *Multilogic in Science, sapcial issue (C) VIII RKVY Nov*: 346-350.
106. Tejbal Singh, N.B.Singh, Pramod Kumar and Sanjeev Singh, 2018. Effect of different irrigation and fertility levels on dynamic growth and yield of late sown wheat (*Triticum aestivum* L). *International Journal of Chemical Studies*. 6 (1) 1523 – 1528. (Encl-1:A).
107. Shivangi Singh, N.B.Singh, Ankita Rao and Tejbal Singh, 2018. Evaluation of rice (*Oryza sativa*) cultivars as influenced by nutrient management under system of rice intensification. In: national Agronomy Congress on Redesigning Agronomy for Nature Conservation and Economic Empowerment, Organized by Indian Society of Agronomy, New Delhi at GBPUAT, Pantnagar, pp: 575-576.
108. Tejbal Singh, N.B.Singh and Ankita Rao 2018. Impact of irrigation levels and balanced fertilization on late sown wheat (*Triticum aestivum* L)pertaining to eastern Uttar Pradesh. In: national Agronomy Congress on Redesigning Agronomy for Nature Conservation and Economic Empowerment, Organized by Indian Society of Agronomy, New Delhi at GBPUAT, Pantnagar, pp: 633-634.
109. Pandey, V.K.; Singh, B.N.; Tiwari, R.C.; Singh, Vipul; Manoj; Singh, Ajay; Prashant and Singh, Ajit. (2018). Performance of different tillage practices and moisture regimes on yield attributes, yield and economics of wheat. *International J. of Current Microbiology and Applied Sci*. ISSN: 2018 Vol. 6(6). pp. 2851-2854.
110. Singh, Vipul; Singh, R.S.; Singh, Ghanshyam; Singh, B.N. and Singh, Raghvendra (2018). Effect of phosphorus levels on the growth characters and yield of wheat (*Triticum aestivum* L.) varieties under late sown condition. *International J. C.S.* 2018; 6(5): pp 2468-2471. ((NASS rating 5.38

111. Kumar, M.; Singh, R. P.; Pandey, V. K.; Singh, A.; Singh, V.; Tiwari, A. and Yadav, R. S., 2018. Effect of nitrogen levels and weed management practices on weed flora, yield and nutrient uptake by wheat grown in zero-till condition. *International Journal of Chemical Studies* Vol. 6 (6) 2084-2087.
112. Vipul Singh, Ravi Shankar Singh, Raghvendra Singh, BN Singh and Ankit Tiwari (2018). Influence of wheat varieties and phosphorus levels on the yield contributing characters, yield and economics of wheat (*Triticumaestivum* L.) under late sown condition. *Journal of Pharmacognosy and Phytochemistry*8(1): 1622-1625.
113. Vipul Singh, Ravi Shankar Singh, Ghanshyam Singh, BN Singh and Raghvendra Singh (2018). Effect of phosphorus levels on the growth characters and yield of wheat (*Triticumaestivum* L.). *Int. Jou. of Chemical Studies* 6(5): 2468-2471.
114. Ajit Singh, Anil Kumar Singh, Sanjay Kumar, Dinesh Kumar, Tarun Gopal, Deepak Pandey and Vinay Kumar Pandey (2018). Effect of Nutrient management and moisture regime on growth and yield of wheat (*Triticum aestivum* L.). *Journal of Pharmacognosy and Phytochemistry*, 7(1): 610-613
115. Ajit Kumar, Sanjay Kumar, Anil Kumar Singh, Dinesh Kumar, Harikesh, Tarun Gopal, Deepak Pandey and Vinay Kumar Pandey (2018). Effect of moisture regime and nutrient management system on yield and economics of wheat (*Triticum aestivum* L.). *Int. J. Curr. Microbiol. App. Sci* 7 (2): 59-66
116. Ajit Singh, AK Singh, UP Sahai, SP Singh and Smarpal Singh(2018). The analysis of Climate Variability/ weather trends (past and future) in eastern U.P. *Journal of Pharmacognosy and Phytochemistry*, 7(1): 1092-1096
117. R.K. Aryan, AK Singh, S.R. Mishra, Rajan Chaudhari, Purusharth Katiyar, Nitish Kumar and Jeetendra Pandey (2018). Performance of growth and yield under variable moisture regimes of wheat (*Triticum aestivum* L.) cultivars. *International Jr. of Chemical Studies* 6(5):3021-3023.
118. R.K. Aryan, AK Singh, S.R. Mishra, Rajan Chaudhari, Purusharth Katiyar, Nitish Kumar and Anil Nishad (2018). Importance of under variable moisture regimes on wheat (*Triticum aestivum* L.) cultivars. *Journal of Pharmacognosy and Phytochemistry*, 7(1): 1533-1535
119. Purusharth Katiyar, AK Singh, S.R. Mishra, Rajan Chaudhari, R.K. Aryan, Nitish Kumar and Anil Nishad (2018). Effect of energy requirement on growth and yield of Rabi maize (*Zea mays* L.) on various moisture regimes. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 2274-2277
120. Purusharth Katiyar, AK Singh, S.R. Mishra, A.N. Mishra, Rajan Chaudhari, R.K. Aryan and Nitish Kumar (2018). Phenological growth and development of Rabi Maize (*Zea mays* L.) under various moisture regimes. *Journal of Pharmacognosy and Phytochemistry*, 6(5): 2007-2010.
121. Nitish Kumar, AK Singh, S.R. Mishra, A.N. Mishra, Rajan Chaudhari and Praveen Kumar Singh (2018). Performance & growth of chickpea (*Cicer arietinum* L.) cultivars on DSSAT simulation model. *Journal of Pharmacognosy and Phytochemistry*, 7(2): 3397-3400.
122. Amrendra Yadav, AK Singh, Rajan Chaudhari and S.R. Mishra (2018). Effect of planting geometry on growth and yield of Mustard (*Brassica juncea* (L.) varieties. *Journal of Pharmacognosy and Phytochemistry*, 7(3): 2624-2627.
123. Amrendra Yadav, AK Singh, Rajan Chaudhari, S.R. Mishra and Ramanand Patel (2018). Effect of energy requirement on growth and development of

- mustard [*Brassica juncea* (L.)] cultivars at different phenological stages. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 1078-1081.
124. Anil Nishad, A.N. Mishra, S.R. Mishra, AK Singh, Rajan Chaudhari, Nitish Kumar and R.K. Aryan (2018). Effect of heat use efficiency and thermal unit at different phenophases of rice (*Oryza sativa* L.) cultivars. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 1312-1314.
 125. Vivesh Singh, S.R. Mishra, AK Singh, Rajan Chaudhari, Nitish Kumar and A.N. Mishra (2018). Studies on production and potential yield of wheat in eastern plain zones of U.P. *International. Jr. of Chemical Studies* 6(5):1384-1387
 126. Vivesh Singh, S.R. Mishra, AK Singh, Rajan Chaudhari, Nitish Kumar and A.N. Mishra (2018). Simulation of wheat (*Triticum aestivum* L.) yield using WOFOST model under different management levels. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 1425-1428.
 127. K.K.K. Reddy, A.K. Singh, and R.S., Singh, (2018). Consumptive use, water use efficiency nad economics of rabi maize as influenced by planting geometry and moisture regimes, *Int.J.Curr.Microbiol.App.Sci* 7(9) 3811-3816
 128. K.K.K. Reddy, A.K. Singh, and R.S. Singh, (2018). Yield attributes of rabi maize as influenced by planting geometry and moisture regimes. *Int.J.Curr.Microbiol.App.Sci* 7(9) 3828-3836
 129. K.K.K. Reddy, A.K. Singh, and R.S. Singh (2018). Agro-physiological attributes of rabi maize as influenced by planting geometry and moisture regimes. *Int.J.Curr.Microbiol.App.Sci* 7(9) 3817-3827
 130. S.K. Shukla, A.N. Mishra, A.K. Singh, S.N. Arpita, and Manoj Kumar (2019). "Validation of DSSAT model of rice cultivars under different growing environment of Eastern Plain Zone of U.P." *International Journal of Chemical Studies* 7(1) : 2018-2022.
 131. Neeraj Kumar, Atik Ahamad and Arika Raj Kumar (2018) Effect of integrated nutrient management on yield and soil properties of rice (*Oryza sativa*). *Journal of Pharmacology and Phytochemistry* 2018; SPI: 2283-2286
 132. Atik Ahamad, Neeraj Kumar and Devideen Yadav (2018) Integrated Nutrient Management in pigeonpea (*Cajanus cajan*) based intercropping system *Indian Journal of Agronomy*, 63(1):39-44.
 133. Kumar, A., Nand, V., Kumar, R., Doharey, R.K., Singh, M.P. and Verma, S.K. (2018). Effect of leaf colour chart based nitrogen management on growth and uptake of rice (*Oryza sativa* L.) cultivar in eastern utter Pradesh. *International Journal of Chemical Studies*, 6(2):2492-2497.
 134. Nand, V., Kumar, R., Doharey, R.K., Singh, M.P. and Verma, S.K. (2018). Study about the interaction effects on varieties and plant geometry on growth and yield of hybrid and composite maize (*Zea mays* L.) on rabi season. *International Journal of Chemical Studies*, 6(2): 2539-2544.
 135. Kumar, R., Nand, V., Doharey, R. K., Verma, S.K. and Raju (2018) Effect of seed rate and weed management practices on groth parameters and dry matter accumulation of late sown wheat (*Triticumaestivum*L.) *International Journal of Chemical Studies*, 6(2): 2498-2502.
 136. Rajesh Kumar, ShipraYadav, Vishuddha Nand, Sanjay Kumar Verma, Neeraj Yadav and Anjali Kumari (2018). Effect of different Nitrogen levels and varieties on yield of Barley (*Hordiumvulgare* L.). *An International Journal of Multilogic in Science* 8: 242-246.

137. Abhineet, Rajesh Kumar, Uma Singh, Vishuddha Nand, Raghvendra Singh, Anand Singh and Dheeraj Kumar (2018). Effect of Restricted irrigation levels on growth of various varieties of wheat (*Triticum aestivum* L.). *An International Journal of Multilogic in Science* 8: 346-350.
138. Ajit Singh, Anil Kumar Singh, Sanjay Kumar, Dinesh Kumar, Tarun Gopal, Deepak Pandey and Vinay Kumar Pandey (2018). Effect of Nutrient management and moisture regime on growth and yield of wheat (*Triticum aestivum* L.). *Journal of Pharmacognosy and Phytochemistry*, 7(1): 610-613
5.21
139. Ajit Kumar, Sanjay Kumar, Anil Kumar Singh, Dinesh Kumar, Harikesh, Tarun Gopal, Deepak Pandey and Vinay Kumar Pandey (2018). Effect of moisture regime and nutrient management system on yield and economics of wheat (*Triticum aestivum* L.). *Int. J. Curr. Microbiol. App. Sci* 7 (2): 59-66 NAAS 5.38
140. Ajit Singh, AK Singh, UP Sahai, SP Singh and Smarpal Singh (2018). The analysis of Climate Variability/ weather trends (past and future) in eastern U.P. *Journal of Pharmacognosy and Phytochemistry*, 7(1): 1092-1096. NAAS 5.21
141. R.K. Aryan, AK Singh, S.R. Mishra, Rajan Chaudhari, Purusharth Katiyar, Nitish Kumar and Jeetendra Pandey (2018). Performance of growth and yield under variable moisture regimes of wheat (*Triticum aestivum* L.) cultivars. *International Jr. of Chemical Studies* 6(5):3021-3023. NAAS 5.31
142. R.K. Aryan, AK Singh, S.R. Mishra, Rajan Chaudhari, Purusharth Katiyar, Nitish Kumar and Anil Nishad (2018). Importance of under variable moisture regimes on wheat (*Triticum aestivum* L.) cultivars. *Journal of Pharmacognosy and Phytochemistry*, 7(1): 1533-1535 NAAS 5.21
143. Purusharth Katiyar, AK Singh, S.R. Mishra, Rajan Chaudhari, R.K. Aryan, Nitish Kumar and Anil Nishad (2018). Effect of energy requirement on growth and yield of Rabi maize (*Zea mays* L.) on various moisture regimes. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 2274-2277. NAAS 5.21
144. Purusharth Katiyar, AK Singh, S.R. Mishra, A.N. Mishra, Rajan Chaudhari, R.K. Aryan and Nitish Kumar (2018). Phenological growth and development of Rabi Maize (*Zea mays* L.) under various moisture regimes. *Journal of Pharmacognosy and Phytochemistry*, 6(5): 2007-2010. NAAS 5.21
145. Nitish Kumar, AK Singh, S.R. Mishra, A.N. Mishra, Rajan Chaudhari and Praveen Kumar Singh (2018). Performance & growth of chickpea (*Cicer arietinum* L.) cultivars on DSSAT simulation model. *Journal of Pharmacognosy and Phytochemistry*, 7(2): 3397-3400. NAAS 5.21
146. Amrendra Yadav, AK Singh, Rajan Chaudhari and S.R. Mishra (2018). Effect of planting geometry on growth and yield of Mustard (*Brassica juncea* (L.) varieties. *Journal of Pharmacognosy and Phytochemistry*, 7(3): 2624-2627. NAAS 5.21
147. Amrendra Yadav, AK Singh, Rajan Chaudhari, S.R. Mishra and Ramanand Patel (2018). Effect of energy requirement on growth and development of mustard [*Brassica juncea* (L.)] cultivars at different phenological stages. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 1078-1081. NAAS 5.21
148. Anil Nishad, A.N. Mishra, S.R. Mishra, AK Singh, Rajan Chaudhari, Nitish Kumar and R.K. Aryan (2018). Effect of heat use efficiency and thermal unit at different phenophases of rice (*Oryza sativa* L.) cultivars. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 1312-1314. NAAS 5.21

149. Vivesh Singh, S.R. Mishra, AK Singh, Rajan Chaudhari, Nitish Kumar and A.N. Mishra (2018). Studies on production and potential yield of wheat in eastern plain zones of U.P. *International. Jr. of Chemical Studies* 6(5):1384-1387 NAAS 5.31
150. Vivesh Singh, S.R. Mishra, AK Singh, Rajan Chaudhari, Nitish Kumar and A.N. Mishra (2018). Simulation of wheat (*Triticum aestivum* L.) yield using WOFOST model under different management levels. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 1425-1428. NAAS 5.21
151. K.K.K. Reddy, A.K. Singh, and R.S., Singh, (2018). Consumptive use, water use efficiency and economics of rabi maize as influenced by planting geometry and moisture regimes, *Int.J.Curr.Microbiol.App.Sci* 7(9) 3811-3816 NAAS 5.38
152. K.K.K. Reddy, A.K. Singh, and R.S. Singh, (2018). Yield attributes of rabi maize as influenced by planting geometry and moisture regimes. *Int.J.Curr.Microbiol.App.Sci* 7(9) 3828-3836 NAAS 5.38
153. K.K.K. Reddy, A.K. Singh, and R.S. Singh (2018). Agro-physiological attributes of rabi maize as influenced by planting geometry and moisture regimes. *Int.J.Curr.Microbiol.App.Sci* 7(9) 3817-3827 NAAS 5.38.
154. Sarvesh kumar, Sunil Kumar, Annu, K.K. Mourya and Ravi Prakash Gupta 2018 dynamics of socio-economic development of combine districts in Eastern and Western Uttar Pradesh *Multilogic in Science Vol. VIII, Issue Special (A)*.
155. Ekta Pandey, V. N. Rai, Neeraj Singh and Piyush Kumar Singh 2018 Growth in Potato Production: A zone wise analysis in Eastern Uttar Pradesh, India *International Journal of Current Microbiology and Applied Sciences*, 7(5): 2429-2434
156. Ekta Pandey and V. N. Rai 2018 Growth in Mustard and Rapeseed Production: A zone wise analysis in Eastern Uttar Pradesh, India *International Journal of Current Microbiology and Applied Sciences*, 7(8): 763-768 Ekta Pandey, V. N. Rai and B. V. S. Sisodia 2019 Growth in rice production: A zone wise analysis in eastern Uttar Pradesh *International Journal of Chemical Studies*, SP6: 231-233.
157. Sarvesh kumar, V. N. Rai, K. K. Mourya, Annu and Ravi Prakash Gupta 2019 Forecasting of pre-harvest rapeseed and mustard yield using discriminant function analysis of meteorological parameters. *International Journal of Chemical Studies*, 7(3): 1897-1900.
158. Sarvesh Kumar, V. N. Rai, Mo Azfar, Annu and Ravi Prakash Gupta 2019 Pre-harvest forecast model using linear regression model based on weather indices *International Journal of Chemical Studies*, 7(6): 2960-2962.
159. Satya Narayan Satapathy and Umesh Chandra. 2018. Effect of bee pollination, *Apis mellifera* L. on yield and quality parameters of Bael (*Aegle marmelos* Correa). *Journal of Entomology and Zoology Studies*, 6(2): 387-389. 5.53
160. Ajay Kumar Chauhan, Umesh Chandra and P. K. Gupta. 2018. Study of pollinator's diversity on mango (*Mangifera indica* L.) var. amrapali. *Journal of Entomology and Zoology Studies*, 6(3): 974-975. 5.53
161. Ajay Kumar Chauhan, Umesh Chandra and PK Gupta. 2018. Evaluate the pollination efficiency of different insect pollinators in mango (*Mangifera indica* L.) var. amrapali. *Journal of Entomology and Zoology Studies*, 6(3): 976-977. 5.53

162. M. P. Gautam, Umesh Chandra, S. N. Singh, S. K. Yadav and S. K. Giri. 2018. Studies on Efficacy of Botanicals against *Helicoverpa armigera* (Hubner) on Chickpea (*Cicer arietinum* L.). *Int. J. Curr. Microbiol. App. Sci.* 7: 612-618. 5.38
163. Anil Kumar, MK Tripathi, Umesh Chandra and Ram Veer. 2018. Seasonal incidence of *Helicoverpa armigera* on chickpea crop in Eastern region of Uttar Pradesh. *Journal of Entomology and Zoology Studies*, 7(1): 03-05. 5.53
164. Anil Kumar, M. K. Tripathi, Umesh Chandra and Ram veer. 2018. Economics of botanicals and biopesticides especially in reference to management of *Helicoverpa armigera* in chickpea crop. *Journal of Entomology and Zoology Studies*, 2019; 7(1): 42-44 5.53
165. Avinash Udikeri and Umesh Chandra. 2018. Pollination efficiency of different insects on Phalsa *Grewia subinaequalis* D.C. *Journal of Entomology and Zoology Studies*, 7(1): 1061-1065. 5.53
166. Singh Devendra, Gupta P. K., Umesh Chandra, Vikrant and Kumar Akshay. 2018. Efficacy of insecticides on yellow stem borer, *Scirpophaga incertulas* in rice crop. *Journal of Entomology and Zoology Studies*, 6(2): 1271-1273. 5.53
167. Singh Devendra, Gupta P.K., Umesh Chandra, Vikrant and Kumar Akshay. 2018. Population dynamics of insect-pests of paddy and its correlation with weather parameters. *Journal of Entomology and Zoology Studies*, 6(1): 1405-1407. 5.53
168. M. P. Gautam, Umesh Chandra, S.N. Singh, Ramveer, Ramesh Jaiswal and SK Yadav. 2018. Correlation between *Helicoverpa armigera* (Hubner) population and Weather factors in chickpea (*Cecer aratinum* L.). *Journal of Pharmacognosy and Phytochemistry*, 7(2): 2307-2308. 5.21
169. Phool Chand, S. K. Mandal, Umesh Chandra and Anil Kumar. 2019. Bio-efficacy of cyazypyr 10% OD, a new anthranilic diamide insecticide, against fruit and shoot borer on Brinjal. *Journal of Entomology and Zoology Studies*, 7(1): 815-818. 5.53
170. Mohammad Rizwan, Umesh Chandra, Rajat Deshwal, Mohammad Imran, Gajendra Singh and Ankush Kumar. 2018. Population Dynamics and Management against Budfly *Dasyneura lini* Barnes in Linseed (*Linum usitatissimum* Linn.). *Int. J. Curr. Microbiol. App. Sci.*, 7: 3377-3381. 5.38
171. M. P. Gautam, Umesh Chandra, S. K. Yadav, Ramesh Jaiswal, SK Giri and Shesh Narain Singh. 2018. Studies on population dynamics of garm pod borer *Helicoverpa armigera* (Hubner) on chickpea (*Cicer arietinum* L.). *Journal of Entomology and Zoology Studies*, 6(1): 904-906. 5.53
172. Ramesh Jaiswal, Umesh Chandra, M. P. Gautam, SK Yadav, SK Giri and Ramveer. 2018. Study on availability of bee flora and foraging activities of honey bee in Eastern Uttar Pradesh. *Journal of Entomology and Zoology Studies*, 6(4): 1633-1636 5.53
173. S.K. Giri, Umesh Chandra, Gajendra Singh, M. P. Gautam and Ramesh Jaiswal. 2018. Study the abundance of insect pollinators/visitors in rapeseed-mustard (*Brassica juncea* L.). *Journal of Entomology and Zoology Studies*, 6(2): 2563-2567. 5.53
174. Anil Kumar, M.K. Tripathi, Umesh Chandra and Ram veer. 2018. Studies on correlation co-efficient of larval population of *Helicoverpa armigera* in

- reference to weather parameters. *Journal of Entomology and Zoology Studies*, 7(1): 06-08. 5.53
175. Umesh Chandra and Abhishek Kumar Chaudhary. 2018. Seasonal incidence fluctuation of okra shoot and fruit borer and their natural enemies on bhindi (*Abelmoschus esculentus* L.) in relation to abiotic factors. *Multilogic in science*, 8:121-126. 5.20
 176. R. K. Verma, R. V. Singh, Umesh Chandra, Ramveer, Gajendra Singh, C.P.N. 2018. Gautam abundance and quantification of the pollinators in pigeon pea. *Multilogic in science*, 8: 223-226. 5.20
 177. R.K. Verma, R.V. Singh, Umesh Chandra, Ramveer, M.P. Gautam. 2018. Effect of insect pollinators on seed yield attributing parameters of pigeon pea crop. *Multilogic in science*, 8: 184-185. 5.20
 178. Shivshankar Singh, Roopesh Singh, Umesh Chandra, Sanjay Singh, Sarvesh Singh and Abhishek Kumar Chaudhary. Efficacy of insecticides for control of early shoot borer and top borer in sugarcane. *Multilogic in science*, 8: 231-233. 5.20
 179. Shivshankar Singh, Umesh Chandra, Roopesh Singh, Sanjay Singh, Sarvesh Singh and Abhishek Kumar Chaudhary. 2018. Population dynamics of insect – pests in sugarcane crop, *Multilogic in science*, 8: 229-230. 5.20
 180. Anil Kumar, M. K. Tripathi, Umesh Chandra and Ram Veer. 2018 Efficacy of botanicals and bio-pesticide against *Helicoverpa armigera* in chickpea. *Journal of Entomology and Zoology Studies*, 7(1): 54-57. 5.53
 181. Rohit Chauhan, A.K. Singh, Kamal Ravi Sharma and Amjad Ali. 2018. Screening of mungbean (*Vigna radiata* L.) germplasm against major sucking pest. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 1784-1787. 5.2
 182. Gajendra Singh, A.K. Singh, S.K. Yadav, S.K. Giri and Kuldeep Verma. 2018. Studies on correlation between populations of major insect – pests with abiotic factors. *Journal of Entomology and Zoology Studies*, 6(4): 1679-1681 5.53.
 183. Manoj Kumar, R.K. Doharey, Subodh Kumar, Prakash Singh, S.N. Singh and Kaushik Prasad (2018) Communication Behavior of Milk Producers of Eastern And Western U.P., *India Plant Archives Vol. 18, Special Issue (ICAAAS-2018)*, 2018 pp. 105-109 ISSN 0972-5210
 184. Anil Kumar, Vishuddha Nand, Rajesh Kumar, R.K. Doharey, M.P. Singh, and SK Verma (2018) Effect of leaf colour chart based nitrogen management on growth and uptake of rice (*Oryza sativa* L.) cultivar in eastern Uttar Pradesh *International Journal of Chemical Studies*, -2018; Vol.6 (2) pp. 2492-2497 E-ISSN:2278-4136 P-ISSN:2349-8234
 185. Rajesh Kumar, Vishuddha Nand, R.K. Doharey, Sanjay Kumar Verma and Raju (2018) Effect of seed rate and weed management practices on growth parameters and dry matter accumulation of late sown wheat (*Triticum aestivum* L.) *International Journal of Chemical Studies*, February-2018; Vol.6 (2) pp. 2498-2502 E-ISSN:2321-1902 P-ISSN:2349-8528
 186. Vishuddha Nand, Rajesh Kumar, R.K. Doharey, and S.K. Verma (2018) Maize (*Zea mays* L.) crop at various stages of growth in rabi season as influenced by plant geometry and nutrient management *International Journal of Current Microbiology and Applied Sciences (IJCMAS)-2018 Special Issue-7*, pp.989-997 ISSN:2319-7706
 187. Vishuddha Nand, Rajesh Kumar, R.K. Doharey, M.P. Singh, and S.K. Verma (2018) Study about the interaction effects on varieties and plant geometry on

- growth and yield on hybrid and composite maize (*Zea mays* L.) on rabi season International Journal of Current Microbiology and Applied Sciences (IJCMAS)-2018-6(2)-pp. 2539-2544, E-ISSN:2278-413 P-ISSN:2349-8234
188. Rajesh Kumar, Vishuddha Nand, R.K. Doharey, Sanjay Kumar Verma and Anjali Kumari (2018) Effect of seed rate and Herbicides on yield attributes and yield of late sown wheat (*Triticum aestivum* L.) International Journal of Current Microbiology and Applied Sciences (IJCMAS) Special Issue-(7).-2018pp. 2582-2589 ISSN:2319-7706
 189. Manoj Kumar, R.K. Doharey, Subodh Kumar, Prakash Singh S.N. Singh and Kaushik Prasad (2018) Communication behavior of Milk Producers of Eastern and Western U.P., India Plant Archives, Vol. 18, Special Issue-(ICAAAS-2018)-pp. 105-109 ISSN 0972-5210
 190. Kaushik Prasad, R.K. Doharey, Subodh Kumar, Sanjeev Atreya, Ashwani Kumar Verma and Manoj Kumar (2018) Constraints and Suggestions in Adoption of Scientific Cultivation in Pigeonpea Indian Journal of Pure And Applied Bioscience, SPI:6 (3):606-610-201 ISSN: 2582-2845
 191. Arvind Pratap Singh, R.K. Doharey, Prakash Singh, Manoj Kumar, R.K. Singh, and D. Singh (2018) Effect of Independent Variables on Knowledge Extent of Farmers about Moong Bean Cultivation Indian Journal of Pure And Applied Bioscience, SPI:6 (3):606-610-2018 ISSN: 2582-2845
 192. Gireesh Goyal and R.K. Doharey (2018) A Article on Approach having for Biofortification in Staple Cereal Crop of Content Zinc and Iron International Journal for Scientific Research and Development (IJSRD), Vol.-6, Issue-8, in Oct.-2018 ISSN, Online-2321 0613
 193. Manoj Kumar, Doharey, R.K., Kureel, R.S., Subodh Kumar, Prakash Singh, Rajesh Kumar (2018) Socio-Variability between eastern and western milk economic producers of Uttar Pradesh International Journal of Advance Biological Research-(IJABR), Vol.-8(3)-2018, pp.-363-371 ISSN:2250-3560
 194. Bhanu Pratap Singh, R.K. Doharey, S.N. Singh, Sunil Kumar and Anjali Verma (2018) Socio economic status of vegetable growers in Bareilly district Journal of of Pharmacognosy and Phytochemistry, 2018; 7(6):632-635. E-ISSN:2278-4136 P-ISSN:2349-8234
 195. Singh, A.D., Doharey, R.K., Singh, Prakash & 3 others (2018) Effect of independent variables on knowledge extent of farmers about moong bean cultivation Indian Journal of Pure And Applied Bioscience, SPI:6 (3):589-595-2018 ISSN: 2582-2845
 196. Kumar, Manoj, Singh, D.K., Singh, Prakash, Doharey, R.K., Kumar, Subodh, and Prasad Kaushik (2018) Constraints faced by the Mango growers in Western Uttar Pradesh Journal of Pharmacognosy and Phytochemistry, 2018; 8(1):614-616. E-ISSN:2278-4136 P-ISSN:2349-8234
 197. Kumar, Manoj, Singh, D.K., Kureel R.S., Singh, Prakash, Kumar, Subodh, Doharey, R.K. and Mishra, Amit Kumar (2018) Communication behaviour and Psychological characteristics of the Mango growers in Western Uttar Pradesh Advance in Bio-Research, Advance Biores. 2018; pp.182-185.
 198. Kumar, Manoj, Doharey, R.K., Singh, Prakash, Singh S.N. and Gupta, Sadhna (2018) Constraints in adoption of Improved Dairy Husbandory practices and perceived suggestion to overcome the constraints Milk Producers of Eastern and Western Uttar Pradesh International Archi. App.Sci. Techno.Vol.9, 131, Sep-2018, pp.24-32.

199. Kumar, Manoj, Doharey, R.K., Kumar, Subodh, Singh, Prakash, Prasad, Kaushik and Aatrey, Sanjeev (2018) Correlation between Socio-economic variables with those of knowledge and adoption extent Indian Journal of Pure and Applied Bioscience, SPI:5 (1): pp.1015-2018 ISSN: 2582-2845
200. Shesh Narain Singh, R. K. Doharey, S. P. Sonkar, Manoj Kumar, G.S. Verma, M.P. Gautam, Mayur Gautam and Shrestha Gautam (2018) Use of communication pattern in State Agricultural Universities about Jobs I.J. of Extension Education, IARI, New Delhi, Vol. 54 no. 4, 2018. pp.132-138 ISSN 0537-1996(Print) ISSN 2454-552X(Online)
201. Manoj Kumar, R.K., Doharey, Subodh, Kumar, Prakash Singh, S.N. Singh and Kaushik Prasad (2018) Communication behaviour of Milk Producers of Eastern and Western UP, Vol. 18
202. RajKumar, R. K. Yadav, Nitish Sharma, Atul Yadav and Nikita Nihal(2018). Influence of plant growth regulators on biochemical changes of moong bean (*Vigna radiata* L.wilczek). Journal of pharmacognosy and phytochemistrySP1: 386-389.
203. Uma Shanker, R. K. Yadav, Brij Mohan and Satendra Kumar (2018). Response of zinc on growth on biochemical changes of wheat (*Triticum aestivum* L.) under sodic soil .Journal of plant development sciences Vol. 10 (5): 289-293.
204. Pradeep Saini, R. K. Yadav, Nikita Nihal, Nitish Sharma (2018). Effect of different levels and sources of phosphorous on biochemical changes of wheat (*Triticum aestivum* L.) under sodic soil. Journal of pharmacognosy and phytochemistry SP -2: 80-82.
205. AbishekKushawaha, A. H. Khan, R. K. Yadav, Nikita Nihal, Nitish Sharma (2018). Role of seed priming of biochemical changes and N P K uptake of rice of (*Oryza sativa* L.) Journal of pharmacognosy and phytochemistry SP -2: 01-04.
206. RajKumar, R. K. Yadav Nitish Sharma and Nikita Nihal(2018). Influence of plant growth regulators on yield and yield attributes of mung bean (*Vigna radiata* L.wilczek). Journal of pharmacognosy and phytochemistrySP-2: 98-100.
207. R. K. Yadav, Pradeep Kumar Saini, Mayank Pratap and Sanjay Kumar Tripathi (2018). Techniques of seed priming in field crop International journal of chemical studies. 6(3): 1588-1594.
208. Shamhoo Prasad, Bandana Jaiswal, Sonam Singh, Reena Rani, Vishwajeet Yadav, Ashish Kumar, Vishwas Mishra, N.A. Khan, R. K. Yadav, and M.P. Singh (2018). Evaluation of Wheat (*Triticum aestivum* L.) varieties for heat tolerance at grain growth stage by Physio- molecular approaches International journal of current Microbiology and applied sciences special issue- 7. pp. 3745-3750.
- 209.

2019-20

1. Singh, D.; Pandey, V.P.; Kumar, S.; Sriom; Kumar, P.; Singh, G. and Bajpai, R.K.(2019). Studies the genetic variability and Nature of association among the yield and contributing character in coriander (*Coriandrum sativum* L.) Jour. Of Phar. And Phytochemistry, Feb., page no. 1541-1546.

2. Yadav, J. K., Singh, H.K., Singh, S.K., Kavita and Singh, S. (2019). Efficacy of plant extracts against *Alternaria brassicae* under in- vitro condition. *J. Pharmacognosy and Phytochemistry.*, 8 (1): 528-532. NAAS 5.21
3. Yadav, J. K., Singh, H.K., Singh, S.K., Kumar, S. and Singh D. (2019). Effect of sowing dates on development of downey mildew disease in Indian mustard (*Brassica juncea* L.). *J. Pharmacognosy and Phytochemistry.*, 8(1): 516-518. NAAS 5.21
4. Verma, S.P Pathak, V.N and Verma O.P., (2019). Interrelationship between yield and its contributing traits in wheat (*Triticum aestivum* L). *Int.J.Curr.Microbiol.App. Sci.*, 8(2): 3209-3215.
5. Neeraj Kumar, M.V.Singh, R.K. Srivastava and Shambhoo Prasad (2018) Nutrient Management in Jute-Rice Cropping System, An International Referred , Peer Reviewed & Indexed Quarterly Journal in Science, Agriculture & Engineering) *Multilogic in science*, Vol. VIII, Special issue, RKVY Nov. 2019 ISSN 2277-7601 pp 355
6. Piyusha Singh and Naveen Kumar Singh (2019). Finger Millets: Marginal Crops, Entrepreneurship Development for Better Livelihood. ISSN 2277-7601. *Multilogic in Science.* NAAS 5.20
7. Kumar, Satyendra; Chaudhary, Anand Mohan; Purushottam; Singh, Vinod and Chauhan, M.P. (2019) Correlation coefficient and path coefficient analysis in some quantitative traits in bread wheat (*Triticum aestivum* L.) 8(4): 536-540 *Journal of Agricultural Science and Technology* NAAS 6.8
8. Mishra S., Verma, O.P., Ashish, Shrivastava, S.P. and Singh, K.P. (2019) Identifying superior parents and hybrids for certain quantitative traits in rice (*Oryza sativa* L.) under sodic soils. Vol.8 (3): 01-05 *J. Pharmacognosy and Phytochemistry* NAAS 5.21
9. Mishra S., Verma, O.P., Ashish, Kumar, S and Singh, V. (2019) Assessing gene action for yield and its contributing traits in aromatic and non-aromatic rice (*Oryza sativa* L.) under sodic soils. Vol.8(3): 189-193. *J. Pharmacognosy and Phytochemistry* NAAS 5.21
10. Prasad, D., Verma, O.P., Lal, K., Verma, H., Jaisawl, A. and Yadav, M.K. (2019) Identification of elite genotypes for certain quantitative traits in field pea (*Pisum sativum* L. var *arvense*) Vol. 8 (3): 498-505. *J. Pharmacognosy and Phytochemistry* NAAS 5.21
11. Singh, K.P., Singh, T., Singh, V., Verma, O.P. and Singh, S. (2019) Divergence analysis in certain genotypes of wheat (*Triticum aestivum* L. em. *Thel.*) Vol.8(1): 507-510. *J. Pharmacognosy and Phytochemistry* NAAS 5.21
12. Kumari, P., Chauhan, M.P., Devi, Archana, Verma, O.P. Dwivedi, R. and Dwivedi, D.K. (2019). Genetic, variability, heritability, and genetic advanced for yield and its contributing traits in rice (*Oryza sativa* L.) under salinity and normal condition. Vol. 8., 2019 *Int.J.Curr.Microbiol.App. Sci.* NAAS 5.38
13. Kumari, P., Chauhan, M.P., Devi, Archana, Verma, O.P. Dwivedi, R., Dwivedi, D.K. and Dwivedi, R.S. (2019). Genotypic and phenotypic correlation and path analysis of yield and yield contributing traits in rice (*Oryza sativa* L.) under salinity condition. Vol. 8. 2019 *Int.J.Curr.Microbiol.App. Sci.* NAAS 5.38
14. Verma, S.P., Pathak, V.N. and Verma O.P., (2019). Interrelationship between yield and its contributing traits in wheat (*Triticum aestivum* L). Vol. 8 (2): 3209-3215. *Int.J.Curr.Microbiol.App. Sci.* NAAS 5.38

15. ChamanJee, Pathak,V.N., Samar Pratap, Verma,O.P. and Singh,O.P. (2019) Association studies for grain yield and its contributing components in diverse genotypes of wheat (*Triticum aestivum*L. em. Thell) Vol. 8(3): 1177-1180. J. Pharmacognosy and Phytochem. NAAS 5.21
16. V.Prasad,S.Dixit,S.K. Vishwakarma,S.P.Giriand D.P.Singh (2019) Efficacy of New fungicide Combination against Sheath blight of Rice. Journal of Chemical Studies 7 (3): 4223-4225.
17. V.Prasad,S.Dixit,S.P.Giri,D.P.Singh and A.W.Khan (2019) Response of Integrated Disease management Practices On Bacterial Leaf Blight Of Rice. Journal of Pharmacognosy and Phytochemistry 8 (3): 4613-4615.
18. V. Prasad,S.Dixit, S.P.Giriand D.P.Singh (2019) Effect of New Chemical Molecules against Sheath blight of Rice. Journal of Chemical Studies 7 (3): 4230-4232.
19. V.Prasad,S.Dixit,S.P.Giri,D.P.Singh and A.W.Khan (2019) Effect of Integrated Disease Management Practice on Sheath blight of Rice. . Journal of Pharmacognosy and Phytochemistry 8 (3): 3860-3862.
20. S.Dixit, R.M.Tripathi, S.P.Giri and V.Prasad (2019) Combining Ability Analysis for Grain Yield and Yield Contributing Characters causing Cytoplasmic Male Sterility In Rice (*Oryza sativa* L.)Journal of Pharmacognosy and Phytochemistry 8 (3): 918-921.
21. S.K.S. Rajpoot, V.Prasad, SaurabhDixit,D.K.Verma,S.P.Giri,M.L.Maurya,R.A.Singh and T.Kumar (2019) Effect of planting dates on the population of rice stem borer (*Scirpophagalincertulas*Walker) in Eastern U.P..Journal of Chemical Studies 6: 825-827.
22. V.Prasad,D.P.Singh, S.Dixit,S.P.Giri, and S.K.S.Rajpoot (2019) Evaluation Of Field Virulence Of Bacterial Leaf Blight Pathogen In Irrigated Ecosystem (Abs.) . International Conference On Advances In Agriculture Under Changing Climate Scenario For Sustainable Global Development. 16-17 Nov. 2019 organized by RS KrishiSodhAnvmParsisahanSasthan IISR, Lucknow, at University of Allahabad, Paryagraj pp. 25-26.
23. DK Verma, Pankaj Kumar Singh, Saurabh Verma, SP Giri, RP Singh, RB Singh, DP Singh and Arun Kumar Singh Chemicals weed control management in aerobic rice IJCS 2019; SP6: 121-123.
24. Saurabh Verma, SP Giri, DK Verma and AP Rao Promotion of lowland rice variety Swarna sub - 1 through front line demonstration in eastern Uttar Pradesh IJCS 2019; SP6: 131-134.
25. DK Verma, Saurabh Verma, SP Giri, Pankaj Kumar Singh, RP Singh, RB Singh, DP Singh, ML Maurya and Arun Kumar Singh Effect of nitrogen on scented short grain rice in irrigated system of east plan zone of Uttar Pradesh IJCS 2019; SP6: 354-355
26. SKS Rajpoot, V Prasad, Saurabh Dixit, DK Verma, SP Giri, RA Singh and T Kumar Evaluation of pesticide computability against stem borer, leaf folder and sheath blight of rice in irrigated ecosystem IJCS 2019; SP6: 936-939
27. SKS Rajpoot, V Prasad, Saurabh Dixit, DK Verma, SP Giri, ML Maurya, RA Singh and T Kumar Effect of planting dates on the population of rice stem borer (*Scirpophaga incertulas* walker) in eastern Uttar Pradesh IJCS 2019; SP6: 825-827

28. Rajesh Kumar, Vishuddha Nand, SK Verma, RK Doharey, Anjali Kumari and Raju (2019). Effect of herbicides on weed control efficiency (%), yield attributes, yield and profitability of wheat (*Triticumaestivum* L.) *Jr. of Pharmacogonosy and Phytochemistry*, 8(2): 118-121.
29. YashwantYadav, Rajesh Kumar, Anjali Kumari,Vishuddha Nand and SK Verma(2019). Effect of herbicides on dry matter accumulation, fresh herbage yield, oil yield and profitability of Japaneasemint(*M. arvensis*). *Jr. of Pharmacogonosy and Phytochemistry*,8(2): 49-53.
30. YashwantYadav, Rajesh Kumar, Anjali Kumari,Vishuddha Nand and SK Verma(2019). Effect of weed management practices on weeds and nitrogen removal by weeds in Japaneasemint(*M. arvensis*). *Jr. of Pharmacogonosy and Phytochemistry*,8(2): 54-58.
31. Vishuddha Nand, R. Yadav, Rajesh Kumar, RK Dohrey, SK Verma, NeerajYadav and RK Yadav (2019). Effect of fertilizers and cutting schedule on growth and quality of duel purpose barley crop (*Hordeumbulgare*). *Jr. of Pharmacogonosy and Phytochemistry*.8(2): 126-130.
32. Abhneet, Rajesh Kumar,Sudhakar Sing, Vishuddha Nand and Vishal chaudhary (2019). Effect of restricted irrigation levels on yield attributes and yield of various varieties of wheat (*Triticum aestivaumL.*). *Jr. of Pharmacogonosy and Phytochemistry*. 8 (2):122-125.
33. Vishuddha Nand, R. Yadav, Rajesh Kumar and sushil Kumar (2019). Effect of fertilizer management and cutting schedule on yield and quality of dual purpose barley crop (*Hordeum vulgareL.*). *Int. Jr. of Chemical studie*,7 (4):2490-2493.
34. N.K.Singh, A.K.singh, Alok Kumar Singh, V.M.Mishra & A.K.Mall Estimates of genetic parameters, components of variance and their magnitude in rice (*Oryza sativa L.*). 2019 *Plant Archives* 1105-1107
35. N.K.Singh, A.K.Singh, Alok Kumar Singh, Varucha Mishra & A.K.Mall Hetrosis breeding in rice (*Oryza sativa L.*) for quantative traits. 2019 *Plant Achieves* 544-548.
36. Shraddha Singh, A.K.Singh, Alok Kumar Singh, Preeti Singh and Narendra Kumar Verma Impact of excess application of growth inhibitor for initiation of seed dormancy in rice (*Oryza sativa L.*). 2019 *International Journal of Chemical Studies*, 618-621
37. Shraddha Singh, A.K.Singh, Preeti Singh, Alok Kumar Singh, Narendra Pratap Verma & Anubhuti Singh Induction of seed dormancy by foliar spray of growth inhibitors in rice (*Oryza sativa L.*). 2019 *Int. Journal of Chemical Studies* 429-432.
38. H.G. Singh, V.N. Rai, B.V.S Sissodi, V.Nand, H.Y.Singh and Sushil Kumar (2019). Forecasting of pre- harvest wheat crop yield using discriminant fuction analysis (DFA) of meteorological parameters. *Int. Jr. of Chemical studies*,7 (4):2902-2906.
39. Sher Singh, Gajendra Singh, Ghanendra Singh, Manoj Kumar and A.K. Shahi (2019). Performance of varieties and weed control on growth, yield attributes and yield of wheat after rice. *International Journal of Chemical Studies* 2019; 7(1): 1092-1094. (NASS rating 5.38)
40. T. Kumar, Gajendra Singh, Ram Adhar Singh, A.K. Shahi, Manoj Kumar and SKS Rajput (2019). Effect of site specific nutrient management on productivity and profitability of rice in low land situation. *International Journal of Chemical Studies* 2019; 7(1): 1963-1966. (NASS rating 5.38)

41. Sher Singh, Gajendra Singh, Ghanendra Singh, Manoj Kumar and A.K. Shahi (2019). Response of lentil varieties to biofertilizers inoculation under different dates of sowing after rice. *International Journal of Chemical Studies* 2019; 7(1): 1095-1097. (NASS rating 5.38)
42. Pandey, V.K.; Singh, B.N.; Kumar, M.; Dubey, S.; Singh, V.; Pandey, D. and Kumar, A. (2019). Effect of tillage practices and moisture regimes on the performance of growth, yield and nutrient uptake of timely sown wheat (*Triticum aestivum* L.). *International Journal of Current Microbiology and applied Science*. ISSN: (2019); 8(3) pp 2368-2375
43. Kumar, Raj; Pandey, V.P.; Singh, B.N. and Prakash, ved (2019). Response of organic manures on growth, yield, nutrient uptake of potato and its impact on soil health. *Journal of Pharmacognosy and Phytochemistry*. 2019; 8(4) pp 627-629. (NASS rating 4.94)
44. Singh, B.N.; Kumar, Raj and Tiwari, R.C. (2019). Evaluation of irrigation methods, moisture regimes and integrated nitrogen management in potato. *Journal of Pharmacognosy and Phytochemistry*. 2019; 8(4) pp 2070-272. (NASS rating 4.94)
45. Singh, A. K.; Sharma, J.; Mishra, A. N. and Singh, R. P. 2019. Bio-efficacy of pre- and post-emergence herbicides for weed management in Japanese mint (*Mentha arvensis*). *Indian Journal of Agronomy* 64 (2):253-256.
46. Verma, D. K.; Singh, P. K.; Verma, S.; Giri, S. P.; Singh, , R. P.; Singh, R. B.; Singh, D. P. and Singh, A. K. 2019. Chemical weed control management in aerobic rice. *International Journal of Chemical Studies* Vol. (6) 121-123.
47. Verma, D. K.; Verma, S.; Giri, S. P.; Singh, P. K.; Singh, R. P.; Singh, R. B.; Singh, D. P.; Maurya, M. L. and Singh, A. K. 2019. Effect of nitrogen on scented short grain rice in irrigated system of east plain zone of Uttar Pradesh. *International Journal of Chemical Studies* Vol. (6) 354-355.
48. V.M. Chandana, R.S. Singh, M. Ajay Kumar, I. Nageswar Rao and Ved Prakash (2019). Weed Management through Tank Mix and Premix Herbicides in Late Sown Wheat (*Triticumaestivum*L.). *Int. J. Curr. Microbiol. App. Sci.* 8(11): 3025-3031.
49. VM Chandana, R.S. Singh, Manoj Kumar and RK Pathak (2019). Effect of Weed management practices on late sown wheat. *Int. Jou. Of Chemical Studies* 7(3): 4447-4449.
50. R. S. Singh, Raj Kumar, Manoj Kumar and Deepak Pandey (2019). Effect of herbicides to control weeds in wheat. *Indian Journal of Weed Science* 51(1): 0974-8164.
51. K.K.K. Reddy, A.K. Singh, and R.S. Singh (2019). Water productivity of rabi maize (*Zea mays* L.) as influenced by planting geometry and moisture regimes. *Journal of Pharmacognosy and Phytochemistry*, 8(6): 844-84
52. A. K. Singh,.; J. Sharma, A. N. Mishra, and R. P. Singh, (2019). Bio-efficacy of pre- and post-emergence herbicides for weed management in Japanese mint (*Mentha arvensis*). *Indian Journal of Agronomy* 64 (2):253-256.
53. S. Baranwal, A.N. Mishra, A.K. Singh, S.R. Mishra, S.K. Sharma, and D.P. Singh, (2019). Evaluation of crop simulation modeling in chickpea crop using DSSAT model ver 4.6 *International Journal of Chemical Studies* 7(2) : 655-658.
54. S.K. Sharma, S.R. Mishra, A.K. Singh, A.N. Mishra, S. Barnwal, and S.K. Shukla, (2019). "Study the effect of crop weather interaction on the growth and development of rice genotypes". *International Journal of Chemical Studies*: 7(3): 3289-3292.

55. S.K. Sharma, S.R. Mishra, A.K. Singh, A.N. Mishra, S. Baranwal, and S.K. Shukla, (2019) "Study of Phenophasic Climatic Requirement for Maximum Yield of Rice in the Prevailing Weather Conditions" *Int. J. Curr. Microbiol. App. Sci.* (2019) 8(4): 2002-2009.
56. S.N. Arpita, A.K. Singh, A.N. Mishra, S.K. Shukla, and Manoj Kumar (2019). "Studies on Extreme Weather Events of Eastern Plain Zone of Uttar Pradesh" *International Journal of Chemical Studies* 7(1) : 2014-2017.
57. S.K. Shukla, A.N. Mishra, A.K. Singh, S.N. Arpita, and Manoj Kumar (2019). "Validation of DSSAT model of rice cultivars under different growing environment of Eastern Plain Zone of U.P." *International Journal of Chemical Studies* 7(1) : 2018-2022.
58. Gajendra Singh, A.N. Mishra, A.K. Singh, S.R. Mishra, Rovit Kumar and Manoj Kumar (2019) Effect of accumulated heat unit, heat use efficiency and solar radiation interception on mustard cultivars under different growing environment (*Brassica juncea* L.) *International Journal of Chemical Studies*; 7(4): 1703-1705
59. Gajendra Singh, A.N. Mishra, A.K. Singh, S.R. Mishra, Rovit Kumar and Manoj Kumar (2019). Effect of different growing environment on growth and yield of mustard cultivars (*Brassica juncea* L.). *International Journal of Chemical Studies*; 7(4): 2106-2109
60. Pankaj Jaiswal, A.N. Mishra, A.K. Singh, S.R. Mishra, Gajendra Singh, Rovit Kumar and Manoj Kumar (2019). Studies on crop growing environment of mustard (*Brassica juncea* L.) varieties of eastern plain zone. *International Journal of Chemical Studies*; 7(4): 1851-1853
61. Rovit Kumar, A.K. Singh, A.N. Mishra, S.R. Mishra, Gajendra Singh and Manoj Kumar (2019). Phenophasic study of rice varieties under different crop growing environment. *International Journal of Chemical Studies*; 7(4): 1929-1931
62. Rovit Kumar, A.K. Singh, A.N. Mishra, Gajendra Singh and Manoj Kumar (2019). Studies on accumulated thermal unit and thermal use efficiency at different phenophases of rice varieties under different crop growing environment. *International Journal of Chemical Studies*; 7(4): 1956-1958
63. Pankaj Jaiswal, A.N. Mishra, A.K. Singh, S.R. Mishra, Rovit Kumar, Gajendra Singh and Kapil Dev Sharma (2019). Studies on mustard (*Brassica juncea* L.) varieties under various crop growing environment in eastern plain zone. *International Journal of Chemical Studies*; 7(4): 1959-1963
64. Kapil Dev Sharma, S.R. Mishra, A.N. Mishra, A.K. Singh, Gajendra Singh, Rovit Kumar and Vishesh Kumar (2019) Studies on accumulated thermal unit of rice (*Oryza sativa* L.) cultivars under varying crop growing environment. *International Journal of Chemical Studies*; 7(4): 1964-1966
65. Kapil Dev Sharma, S.R. Mishra, A.K. Singh, A.N. Mishra, Gajendra Singh, Vineet Kumar and Pankaj Jaiswal (2019). Studies on thermal use efficiency, heliothermal unit and photothermal unit of rice (*Oryza sativa* L.) cultivars under varying crop growing environment. *International Journal of Chemical Studies*; 7(4): 1967-1969
66. Vineet Kumar, S.R. Mishra, A.N. Mishra, A.K. Singh, R.B. Singh, Vishesh Kumar and Kapil Dev Sharma (2019). Larval fluctuation of *Helicoverpa armigera* with reference to environmental factors in chickpea crop. *International Journal of Chemical Studies*; 7(4): 1983-1985
67. Ajeet Kumar, S.R. Mishra, A.K. Singh, R.K. Aryan and Anil Nishad (2019). Effect of changing environment on growth and yield of chickpea (*Cicer arietinum* L.). *International Journal of Chemical Studies* 7(5):3029-3031

68. Ajeet Kumar, S.R. Mishra, A.K. Singh, R.K. Aryan and Anil Nishad (2019). Phonological growth and development of chickpea (*Cicer arietinum* L.) cultivars at climatic condition. *International Journal of Chemical Studies* 7(5):3032-3035
69. Annand Singh, Neeraj Kumar, Bhavya Raj Pandey, Promod Kumar, Prashant Deo Singh and Sanjeev Singh (2019) *International J. of Chemical Studies*, Effect of customized fertilizers on the growth and yield of Wheat (*Triticum aestivum* L.) under Eastern Uttar Pradesh 6(5):3155-3159.
70. Annand Singh, Neeraj Kumar, U.P. Shah, Bhavya Raj Pandey, Promod Kumar, Prashant Deo Singh and R.P. Singh(2019) *International J. of Current Microbiology and Applied Sciences*. Evaluation of Customized Fertilizers in Respect to Yield, Soil Nutrients Status, Uptake and Economics of Wheat (*Triticum aestivum* L.) under Eastern Uttar Pradesh 8(3):883-894.
71. Rajesh Kumar, Vishuddha Nand, S.K. Verma, R.K. Doharey, Anjali Kumari and Raju (2019). Effect of herbicides on weed control efficiency (%), yield attributes, yield and profitability of wheat (*Triticumaestivum*L.). *Journal of pharmacognosy and phytochemistry*8(2):118-121.
72. Abhineet, Rajesh Kumar, Sudhakar Singh, Vishuddha Nand, and Vishal Chaudhary (2019). Effect of restricted irrigation levels on yield attributes and yield of various varieties of wheat (*Triticumaestivum*L.). *Journal of pharmacognosy and phytochemistry* 8(2):122-125.
73. YashwantYadav, Rajesh Kumar, Anjali Kumari, Vishuddha Nand and S.K. Verma. (2019). Effect of herbicides on dry matter accumulation, fresh herbage, oil yield and profitability of Japanese mint (*Menthaarvensis*16L.). *Journal of pharmacognosy and phytochemistry*8(2):49-53.
74. YashwantYadav, Rajesh Kumar, Anjali Kumari, Vishuddha Nand and S.K. Verma (2019). Effect of weed management practices on weeds and Nitrogen removal by weeds in Japanese mint (*Menthaarvensis* L,) *Journal of pharmacognosy and phytochemistry*8(2):54-58.
75. K.K.K. Reddy, A.K. Singh, and R.S. Singh (2019). Water productivity of rabi maize (*Zea mays* L.) as influenced by planting geometry and moisture regimes. *Journal of Pharmacognosy and Phytochemistry*, 8(6): 844-846 NAAS 5.21
76. A. K. Singh,.; J. Sharma, A. N. Mishra, and R. P. Singh, (2019). Bio-efficacy of pre- and post-emergence herbicides for weed management in Japanese mint (*Mentha arvensis*). *Indian Journal of Agronomy* 64 (2):253-256. NAAS 5.46
77. S. Baranwal, A.N. Mishra, A.K. Singh, S.R. Mishra, S.K. Sharma, and D.P. Singh, (2019). Evaluation of crop simulation modeling in chickpea crop using DSSAT model ver 4.6 *International Journal of Chemical Studies* 7(2) : 655-658. NAAS 5.31
78. S.K. Sharma, S.R. Mishra, A.K. Singh, A.N. Mishra, S. Barnwal, and S.K. Shukla, (2019). "Study the effect of crop weather interaction on the growth and development of rice genotypes". *International Journal of Chemical Studies*: 7(3): 3289-3292. NAAS 5.31
79. S.K. Sharma, S.R. Mishra, A.K. Singh, A.N. Mishra, S. Baranwal, and S.K. Shukla, (2019) "Study of Phenophasic Climatic Requirement for Maximum Yield of Rice in the Prevailing Weather Conditions" *Int. J. Curr. Microbiol. App. Sci.* (2019) 8(4): 2002-2009. NAAS 5.38

80. S.N. Arpita, A.K. Singh, A.N. Mishra, S.K. Shukla, and Manoj Kumar (2019). "Studies on Extreme Weather Events of Eastern Plain Zone of Uttar Pradesh" International Journal of Chemical Studies 7(1) : 2014-2017. NAAS 5.31
81. S.K. Shukla, A.N. Mishra, A.K. Singh, S.N. Arpita, and Manoj Kumar (2019). "Validation of DSSAT model of rice cultivars under different growing environment of Eastern Plain Zone of U.P." International Journal of Chemical Studies 7(1) : 2018-2022. NAAS 5.31
82. Gajendra Singh, A.N. Mishra, A.K. Singh, S.R. Mishra, Rovit Kumar and Manoj Kumar (2019) Effect of accumulated heat unit, heat use efficiency and solar radiation interception on mustard cultivars under different growing environment (Brassica juncea L.) International Journal of Chemical Studies; 7(4): 1703-1705 NAAS 5.31
83. Gajendra Singh, A.N. Mishra, A.K. Singh, S.R. Mishra, Rovit Kumar and Manoj Kumar (2019). Effect of different growing environment on growth and yield of mustard cultivars (Brassica juncea L.). International Journal of Chemical Studies; 7(4): 2106-2109 NAAS 5.31
84. Pankaj Jaiswal, A.N. Mishra, A.K. Singh, S.R. Mishra, Gajendra Singh, Rovit Kumar and Manoj Kumar (2019). Studies on crop growing environment of mustard (Brassica juncea L.) varieties of eastern plain zone. International Journal of Chemical Studies; 7(4): 1851-1853. NAAS 5.31
85. Rovit Kumar, A.K. Singh, A.N. Mishra, S.R. Mishra, Gajendra Singh and Manoj Kumar (2019). Phenophasic study of rice varieties under different crop growing environment. International Journal of Chemical Studies; 7(4): 1929-1931 NAAS 5.31
86. Rovit Kumar, A.K. Singh, A.N. Mishra, Gajendra Singh and Manoj Kumar (2019). Studies on accumulated thermal unit and thermal use efficiency at different phenophases of rice varieties under different crop growing environment. International Journal of Chemical Studies; 7(4): 1956-1958 NAAS 5.31
87. Pankaj Jaiswal, A.N. Mishra, A.K. Singh, S.R. Mishra, Rovit Kumar, Gajendra Singh and Kapil Dev Sharma (2019). Studies on mustard (Brassica juncea L.) varieties under various crop growing environment in eastern plain zone. International Journal of Chemical Studies; 7(4): 1959-1963 NAAS 5.31
88. Kapil Dev Sharma, S.R. Mishra, A.N. Mishra, A.K. Singh, Gajendra Singh, Rovit Kumar and Vishesh Kumar (2019) Studies on accumulated thermal unit of rice (Oryza sativa L.) cultivars under varying crop growing environment. International Journal of Chemical Studies; 7(4): 1964-1966 NAAS 5.31
89. Kapil Dev Sharma, S.R. Mishra, A.K. Singh, A.N. Mishra, Gajendra Singh, Vineet Kumar and Pankaj Jaiswal (2019). Studies on thermal use efficiency, heliothermal unit and photothermal unit of rice (Oryza sativa L.) cultivars under varying crop growing environment. International Journal of Chemical Studies; 7(4): 1967-1969 NAAS 5.31
90. Vineet Kumar, S.R. Mishra, A.N. Mishra, A.K. Singh, R.B. Singh, Vishesh Kumar and Kapil Dev Sharma (2019). Larval fluctuation of Helicoverpa armigera with reference to environmental factors in chickpea crop. International Journal of Chemical Studies; 7(4): 1983-1985 NAAS 5.31
91. Ajeet Kumar, S.R. Mishra, A.K. Singh, R.K. Aryan and Anil Nishad (2019). Effect of changing environment on growth and yield of chickpea (*Cicer arietinum* L.). International Journal of Chemical Studies 7(5):3029-3031 NAAS 5.31

92. Ajeet Kumar, S.R. Mishra, A.K. Singh, R.K. Aryan and Anil Nishad (2019). Phonological growth and development of chickpea (*Cicer arietinum* L.) cultivars at climatic condition. International Journal of Chemical Studies 7(5):3032-3035 NAAS 5.31
93. Naveen Kumar, V. N. Rai, Annu, Babulal, Vikas Singh Sengar, Riyaz Ahamad 2020 General scenario on area, production and productivity of major food grain crops in Bundelkhand region of U.P. The Pharma Innovation Journal, 9(9), 363-365
94. Ajay Kumar Gautam, B. V. S. Sisodia and V. N. Rai 2020 Comparison of some transformed ratio type estimators under non-response. Int. J. Agricult. Stat. Sci., 16 (1), 147-156
95. Piyush Kumar Singh, Neraj Singh, V. N. Rai, Sunil Kumar and Vishva Deepak Chaturvedi 2020 Growth Rate of Rice Crop in Varanasi Division of Eastern Uttar Pradesh, India International Journal of Current Microbiology and Applied Sciences, 09 (12), 01-07
96. Kumar, M. and Vishwakarma, G. K. 2020 Generalized classes of regression-cum-ratio estimators of population mean in stratified random sampling Proceedings of the National Academy of Sciences, India, Section A: Physical Sciences, 90 (5), 933-939
97. Naveen Kumar, VN Rai, Annu, Ajay Kumar Gautam, Vikas Singh Sengar and Riyaz Ahmad 2020 Trend and growth performance of gram in Central region of Uttar Pradesh Journal of Pharmacognosy and Phytochemistry; 9(5): 123-125
98. Sarvesh Kumar Dubey, B. V. S. Sisodia and Manoj Kumar Sharma 2020 Some Transformed and Composite Chain Ratio-Type Estimators using Two Auxiliary Variables Journal of the Indian Society of Agricultural Statistics, 74 (1), 17-22.
99. Yadav, J. K., Singh, H. K., Singh, S. K., Kumar, S. and Singh, D. (2019). Effect of sowing dates on development of downey mildew disease in Indian mustard (*Brassica juncea* L.). Journal of Pharmacognosy and Phytochemistry 8(1): 516-518.
100. Yadav, J. K., Singh, H. K., Singh, S. K., Kavita and Singh, S, (2019). Efficacy of plant extracts against *Alternaria brassicae* under in- vitro condition. Journal of Pharmacognosy and Phytochemistry 8(1): 528-532.
101. Yadav, J. K. and Singh, S. K. (2019). Studies on survey of dry root rot of chickpea incidence in chickpea growing districts of Uttar Pradesh. Journal of Pharmacognosy and Phytochemistry 8(4): 3397-3399.
102. Yadav, J. K. and Singh, S. K. (2019). Efficacy of different soil amendment on disease incidence of dry root rot of chickpea during year 2017-2018 Journal of Pharmacognosy and Phytochemistry 8(4): 3394-3396.
103. Ajit Verma, Sarita Srivastava and Anil Kumar Singh (2019) . Study of the cost and return of Pigeon Pea (*Cajanus cajan* L.) under different farm levels, Plant Archive vol 19 N0. 2, 3525-3526 NAAS rating-4.41
104. Ajit Verma, Sarita Srivastava and Anil Kumar Singh (2019). Study of the yield and profit of Lentil (*Lens culinaris* L.) under number of farm levels. Plant Archive vol 19 N0. 2. 3653-3654 NAAS rating-4.41
105. Ajit Verma, Sarita Srivastava and Anil Kumar Singh (2019). Study of the economics of Mustard (*Brassica campestris*) under different farm size groups. Plant Archive vol 19 N0. 2. 3705-3706 NAAS rating-4.41

106. Lal, B., Kumar, N., Kumar, M., Singh, P. K., Meena, N. R. and Rai, V.N. 2020 Statistical analysis of growth pattern of sugarcane production in districts of Eastern Uttar Pradesh. *International Journal of Agriculture Sciences*, 12 (17), 10177-10180
107. Maurya, Suman Prasad and Maurya, Ravi Maurya (2021) Value addition of agricultural produce towards immunity boosting and being self-reliant farmer. *International Journal of Food Science and Nutrition* Vol.6 (2) pp 87-90 Impact Factor – 5.14.
108. Maurya, Suman Prasad and Maurya, Purushottam Kumar (2021) Experiences of learning in online mode during COVID-19 lockdown and needs for computing for sustainable development. *International Journal of creative research thoughts* Vol. 9 (6) pp c88-c94. Impact factor: 7.97
109. Lal, B., Maurya, K. K., Gupta, R. P., Kumar, M., and Kumar, S. 2020 Statistical analysis of growth pattern of sugarcane production in districts of western Uttar Pradesh *International Journal of Current Microbiology and Applied Sciences*, 11, 2331-2346.
110. Rajesh Kumar, Vishuddha Nand, S.K. Verma, R.K. Doharey, Anjali Kumari and Raju (2019) Effect of herbicides on weed control efficiency (%), yield attributes, yield and profitability of wheat (*Triticum aestivum* L.) *Journal of Pharmacognosy and Phytochemistry*, 2019; 8(2):pp.118-121. E-ISSN:2278-4136 P-ISSN:2349-8234 I199
111. Vishuddha Nand, R. Yadav, Rajesh Kumar, R.K. Doharey, S.K. Verma, Neeraj Yadav and R. K. Yadav (2019) Effect of fertilizers and cutting schedule on growth and quality of dual purpose barley crop (*Hordeum vulgare* L.) *Journal of Pharmacognosy and Phytochemistry*, 2019; 8(2):pp.126-130. E-ISSN:2278-4136 P-ISSN:2349-8234 I19
112. R.K. Doharey, Kamal Kishore, Prakash Singh, Shalu Gautam (2019) Knowledge level of okra growers with respect to scientific production technology in Kannauj district (U.P.) *Multilogic in Science, An International refereed, peer reviewed and indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra- Vol.-VIII, Special Issue*, pp.262-267, ISSN 2277-7601 5.2
113. Shalu Gautam, R.K. Doharey and Prakash Singh (2019) Knowledge about formation, implementation and function of different women SHGS in Kanpur Dehat district (U.P.) *Multilogic in Science, An International refereed, peer reviewed and indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra- Vol.-VIII, Special Issue*, pp.147-149, ISSN 2277-7601 5.20
114. R.K. Doharey, Shalu Gautam, Prakash Singh, Kamal Kishore, and Shagufta Wasim (2019) Socio economic profile of the women SHGS in Kanpur Dehat district (U.P.) *Multilogic in Science, An International refereed, peer reviewed and indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra- Vol.-VIII, Special Issue*, pp.262-267, ISSN 2277-7601 5.20
115. Priti Rai, R.K. Doharey, Mayur Gautam, & Shrestha Gautam (2019) The 2016 demonetization in India and its effect of cashless transaction on MSME sectors *Multilogic in Science, An International refereed, peer reviewed and indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra- Vol.-VIII, Special Issue*, pp.282-285, ISSN 2277-7601 5.20
116. Mayur Gautam, Shrestha Gautam, R.K. Doharey, Priti Rai (2019) Soybean: A healthy nutritious complete food for vegetarians *Multilogic in Science, An*

- International refereed, peer reviewed and indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra- V01.-VIII, Special Issue, pp.291-296, ISSN 2277-7601 5.20
117. Mayur Gautam, Shrestha Gautam, R.K. Doharey, Priti Rai (2019) Social Governance: Empowering marginalized sections of society Multilogic in Science, An International refereed, peer reviewed and indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra- V01.-VIII, Special Issue, pp.279-281, ISSN 2277-7601 5.20
 118. Kamal Kishore, Prakash Singh, R.K. Doharey & Shalu Gautam (2019) Communication and psychological behavior of the okra growers in Kannauj district (U.P.) Multilogic in Science, An International refereed, peer reviewed & indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra- V01.-VIII, Special Issue, pp.275-278 ISSN 2277-7601 5.20
 119. Kamal Kishore, Prakash Singh, R.K. Doharey, Kaushik Prasad & Shalu Gautam (2019) Socio economic profile of the okra growers in Kannauj district (U.P.) Multilogic in Science, An International refereed, peer reviewed and indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra- V01.-VIII, Special Issue, pp.270-274, ISSN 2277-7601 5.20
 120. Aarti Malhosia, Nitu Singh and R.K. Doharey (2019) Comparative therapeutic effect of feeding Methi dana and cereal bran in reduction of body weight of post-menopausal females suffering from NIDDM Multilogic in Science, An International refereed, peer reviewed and indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra- V01.-VIII, Special Issue, pp.259-261, ISSN 2277-7601 5.2
 121. Aarti Malhosia, Nitu Singh, R.K. Doharey and Sadhna M. Singh (2019) Comparative therapeutic effect of feeding Methi dana and cereal bran in lowering of blood glucose level of post-menopausal females suffering from NIDDM Multilogic in Science, An International refereed, peer reviewed and indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra-V01.-VIII, Special Issue, pp.286-288, ISSN 2277-7601 5.2
 122. Aarti Malhosia, Nitu Singh and R.K. Doharey (2019) Comparative therapeutic effect of feeding Methi dana and cereal bran in reduction of bdy weight of post-menopausal females suffering from NIDDM Multilogic in Science, An International refereed, peer reviewed and indexed quarterly Journal in Science, Agriculture and Engineering, Maharashtra- 01.-VIII, Special Issue, pp.289-290, ISSN 2277-7601 5.2
 123. Shalu Gautam, R.K. Doharey and Kamal Kishore (2019) Constraints in Respect of Formation, Implementation and Functioning of Different Women SHG Faced by Self-Help Groups members, Government Officials and Bank Officials' Different Women SHGs In Kanpur Dehat District (U.P.) Indian Journal of Extension Education, IARI, New Delhi, Vol. 55 no. 3, 2019. pp.107-111 ISSN 0537-1996(Print) ISSN 2454-552X(Online) I056
 124. Gangwar, R. and Kashyap, S.K. 2019. Design and development of employment vulnerability index for rural youth. *International Journal of Current Microbiology and Applied Sciences*. 7(10): 2670-2675.
 125. Pandiaraj, T., Das, S., Manjappa and Sahay, A. 2019. Soil nutritional evaluation using parkers nutrient index in tasar silkworm host plants growing soils of Jashpur districts of Chhattisgarh. *Journal of Entomology and Zoology Studies*. 7(6): 37-41.

126. Karmakar, S., Srivastava, A.K., Pandiaraj, T. and Tirkey, J. 2019. Vermicompost and biofertilizer effect on soil nutritional status of tasar silkworm growing regions. *International Journal of Science and Nature*. 10 (4) 2019: 154-158.

2020-21

1. Nishad, R.N.; Singh, R.B.; Kumar, S. and Singh, P. (2020). Study the seed health status of farmers' saved chickpea seed of Eastern Uttar Pradesh in relation to bruchid, *C. chinensis*. *Journal of Entomology and Zoology Studies*, 8(4): 356-358. NAAS 5.53
2. Nishad, R.N.; Singh, R.B.; Kumar, S. and Yadav, S. K. (2020). Eco-friendly management of pulse beetle, *Callosobruchus chinensis* Linn. of stored chickpea seed. *International Journal of Chemical Studies*, 8(3): 05-08. NAAS 5.31
3. Singh, V.; Sharma, G.; Verma, J. P.; Rijju, Kumar A.; Singh, R. K. and Singh, V. (2020). Genetic variability, heritability in wheat (*Triticum aestivum* L.) genotypes. *Int. J. Curr. Microbiol. App. Sci*, 9(9): 1600-1607. NAAS 5.38
4. Bahadur, R.; Vimal, S.C.; Kumar, A.; Khan, N.A. and Kumar, N. (2020). Mitigation of drought and heat for improving productivity by use of foliar application of salicylic acid in chickpea. *Int. J. Curr. Microbiol. App. Sci*, Special Issue-10:377-387. NAAS 5.38
5. Bahadur, R.; Nath, S. Singh, V.; Vimal, S.C. and Kewat, R. (2020). Economic management for higher grain yield under integrated crop management in lentil. *Int. J. Curr. Microbiol. App. Sci*, Special Issue-10:368-376. NAAS 5.38
6. Hitaishi, S.K.; Vimal, S.C. and Chaudhary, A.K. (2020). Association and path analysis of yield attributes and physiological parameters in rice (*Oriza sativa* L.) under problematic soil conditions. *Pharma Innovation J.*, 9(9):347-353. NAAS 5.03
7. Hitaishi, S.K.; Vimal, S.C. and Chaudhary, A.K. (2020). Heterosis and inbreeding depression for yield, its contributing characters and physiological parameters in rice (*Oriza sativa* L.) under stress conditions. *Journal of Pharmacognosy and Phytochemistry*, 8(1): 1216-1218. 5.21.
8. Jyoti; Yadav, R.D.S. and Vimal, S.C. (2020). Krishi me nano prowdiki anuprayog. *Madhya Bharat Krishak Bharti*, Gwalior, 2020, p.32.
9. Vikash Pal Singh, Laxman Prasad, Kamal Khilari and Siddarth N. Rahul (2020). Antagonistic potential of locally isolated *Trichoderma spp.* on different species of *Fusarium*. *Special Issue-11*: 4184-4192.
10. Sharma, N. K., Awasthi, L.P., Singh, S.K. and Kumar, A. (2020). Effect of botanicals on viral disease incidence and yield related parameters of watermelon (*Citrullus lanatus* (Thunb)). *Journal of Pharmacognosy and Phytochemistry*, 9(5): 900-902.
11. Yadav, V.P., Singh, P.K. and Verma, O.P. (2020). Genetic variation and heritability for quantitative traits in rice (*Oryza sativa*) under sodic soil. Vol. 90 (2):316-309. *Indian J. Agril.Sci*. NAAS 6.25
12. Debnath, A., Rai, M., Tyagi, W. (2020) Identification of Swarna x O. nivara (RPBio4918) advanced backcross lines performing well under acidic soil conditions. 42(1):accepted *Journal of Environmental Biology*. NAAS 6.56
13. Ankit Singh, A.K. Singh, Anand Kumar Pandey, Alok Kumar Singh, Reesu Singh, Anubhuti Singh and R.K. Yadav Effect salinity on germination percentage

- (%) and seed vigour index of rice (*Oryza sativa* L.). 2020 Journal of Pharmacognosy and Phytochemistry. 1130-1133
14. Anand Kumar Pandey, A.K.Singh, Alok Kumar Singh and R.K.Yadav Foliar spray of salicylic acid and oxalic acid ameliorates temperature (Heat) stress on wheat at anthesis stage. 2020 International Journal of Chemical Studies. 2248-2253
 15. Anand Kumar Pandey, A.K.Singh, Alok Kumar Singh and R.K.Yadav A physiological Approach: Nitrogen Management and sub-1 rice varieties growth in flood prone ecosystem. 2020 Int.J.Curr.Microbiol.App.Sci. 38-45
 16. Saurabh Dixit, S.P.Giri, V.Prasad, S.K.S.Rajpoot. A.K.Singh, Alok Kumar Singh and D.K.Dwivedi Identification of rice genotypes for submergence and yield attributing traits. 2020 Int.J.Curr.Microbiol.App.Sci. 290-296.
 17. Ankit Singh, Reeshu Singh, Anubhuti Singh, Alok Kumar Singh and A.K.Singh Effect of salinity on biochemical and enzymatic activities of rice (*Oryza sativa* L.) 2020 Journal of Pharmacognosy and Phytochemistry. 1840-1844
 18. Singh, P., Singh, P. K., Singh, V., Verma, O. P. and Debnath, A. (2020) A Study on Correlation and Path Analysis for Yield and Yield Components in Rice (*Oryza sativa* L.) under Sodic Soil 9(11): 1121-1126 Int.J.Curr.Microbiol.App. Sci. NAAS 5.38
 19. Singh, P., Verma, O. P., Singh, V., Singh, P. K. and Debnath, A. (2020) Genetic Divergence Analysis in Rice (*Oryza sativa* L.) under Sodic soil condition 9(10): 343- 346 The Pharma Innovation Journal NAAS 5.03
 20. Nisar, M., Singh, P.K., Verma, O.P. and Kumar, A. (2020) Interrelationships in scented and non-scented rice (*Oryza sativa* L.) for yield and its components traits under sodic soil Vol. 15 (4): 483-486. The Bioscan NAAS 5.26
 21. Kumar, Satyendra; Chaudhary, Anand Mohan; Purushottam; Singh, Vinod and Chauhan, M.P. (2020) Studies of variability, heritability and genetic advance in some quantitative characters in bread wheat (*Triticum aestivum*L.). 8(4): 402-404. J. Pharmacognosy & Phytochemistry. NAAS 5.21
 22. Singh, K.P.; Singh, Vinod; Sharma, Gaurav; Chauhan, M.P.; Singh, Tejasvi and Yadav, R.D.S. (2020) Correlation and Path Coefficient Analysis in Wheat (*Triticum aestivum*L.em.Thell). 9(11): 1570-1581 Int.J.Curr.Microbiol.Appl.Sci. NAAS 5.38
 23. Singh, K.P.; Singh, Vinod; Singh, Tejasvi ; Tripathi, R.M.; Gupta , priyanka; Chauhan, M.P. and Sharma, Gaurav. (2020) Analysis of variability, heritability and genetic advance of yield, its components and quality traits in wheat. 9(6): 380-383. J. Pharmacognosy & Phytochemistry. NAAS 5.21
 24. Singh, Vivek; Sharma, Gaurav; Verma, jai Prakash; Rijju; Maurya, Ashok Kumar; Singh, Rajesh Kumar and Singh, Vinod. (2020) Genetic variability, Heritability in Wheat (*Triticum aestivum* L.) Genotypes. 9(9):1600- 1607.Int.J.Curr.Microbiol.Appl.Sci. NAAS 5.38
 25. Lal, Kanhaiya; Yadav, C.B.; Shiva Nath and Dwivedi, D. K. (2020) Heterosis response for yield and its components in faba bean (*Vicia faba*L.). 8(6): 662-677 Int.J.Curr.Microbiol.Appl.Sci. NAAS 5.38
 26. Singh, A.P.; Yadav, R.S.; Singh, R.P.; Singh, A. and Singh, V. (2020) Influence of weed management practice on weeds, weed control efficiency nitrogen uptake by weeds and the crop, quality and yield of fodder oat (*Avena sativa* L.). 10:168-172. Int.J.Curr.Microbiol.App.Sci NAAS 5.38

27. Yadav, R.D.S., Kumar, A., Dheer, V., Purushottam., Singh, R.K and Tripathi, R.M. (2020) Effect of black point on seed quality in wheat (*Triticum aestivum* L.) Int. J. Chemical Studies. NAAS 5.31
28. Yadav, R.D.S., Singh, R.K., Dheer, V., Tripathi, R.M. (2020) Effect of harvest stages on seed yield and its quality in chickpea (*Cicer arietinum* L.) Int. J. Chemical Studies NAAS 5.31
29. Singh, A.; Yadav, R.S.; Kumar, A.; Kumar, Abhay; Patel, V.K.; Singh, A.P. and Singh, R.P. (2020) Effect of weed management practices on yield and economics in Indian mustard. 8(2):1064-1067. Int. J. Chemical Studies NAAS 5.31
30. Yadav, V.P., Singh, P.K. and Verma, O.P. (2020) Genetic variation and heritability for quantitative traits in rice (*Oryza sativa* L.) under sodic soil. Vol. 90(2): 316-309. Indian J. Agril. Sci., NAAS 6.21
31. Gupta, Priyanka, Verma, O.P., Verma, R.L., Gupta, R.K., Singh, K.P. and Singh, Priyansh (2020) Assessing Genetic variability in rice (*Oryza sativa* L.) under sodic soil following generation mean analysis. Vol. 09(5): 1353-1357. J. Pharmacognosy and Phytochem. NAAS 5.21
32. Gupta, Priyanka, Verma, O.P., Verma, R.L., Gupta, R.K., Singh, Vineeta, Jyoti, K.M. and Yadav, R.D.S. (2020) Heritability and genetic advance analysis using generation mean analysis in rice (*Oryza sativa* L.) under sodic soil. Vol. 09(5): 1471-1475. J. pharmacognosy and Phytochem. NAAS 5.21
33. Singh, Priyansh, Verma, O.P., Singh, V., Singh, P.K. and Debnath, A. (2020) Genetic divergence analysis in rice (*Oryza sativa* L.) under sodic soil condition. Vol. 09(10): 343-346. The Pharma Innovation. NAAS 5.03
34. Singh, Priyansh, Verma, O.P., Singh, V., Singh, P.K. and Debnath, A. (2020) A Study on Correlation and Path Analysis for Yield and Yield Components in Rice (*Oryza sativa* L.) under Sodic Soil. Vol. 9(11): 1121-1126. J. Pharmacognosy and Phytochem. NAAS 5.21
35. Mohammad Nisar, P.K. Singh, Verma, O.P. and A. Kumar (2020) Interrelationships in scented and non-scented rice (*Oryza sativa* L.) for yield and its components traits under sodic soil Vol. 15 (4): 483-486. The Bioscan NAAS 5.26
36. Ajit Verma, Anil Kumar Singh, Ashok Kumar Singh, Sarika Srivastava and Vinay Kumar Singh. 2020. Study of the productivity and income level of potato under various farm size groups. *Plant Archives (International Journal of Plant Research)*, Vol. 20, No. 2, Pp: 9368-9369.
37. Ajit Verma, Sarika Srivastava, Vinay Kumar Singh, Ashok Kumar Singh and Anil Kumar Singh. 2020. Study of the Economics and Benefit Cost Ratio of Brinjal at Different Farm Levels, *Plant Archives (International Journal of Plant Research)*, Vol. 20, No. 2, Pp: 8463-8464.
38. Ajit Verma, Vinay Kumar Singh, Anil Kumar Singh, Ashok Kumar Singh and Sarika Srivastava. 2020. Study of the Economics of chilli (*Capsicum annuum*) on different farm conditions, *Plant Archives (International Journal of Plant Research)*, Vol. 20, No. 2, Pp: 8995-8996.
39. Ashutosh K. Ranjan, R. R. Kushwaha, R. R. Verma, Supriya, V. K. Singh, Avinash Mishra and Randhir Yadav. 2020. A study of resource use efficiency of Sugarcane production in Ghazipur District of Uttar Pradesh. *Journal of Pharmacognosy and Phytochemistry*. 9(2), pp:440-442.
40. Ashutosh K. Ranjan, R.R. Kushwaha, Supriya, R.R. Verma, V.K. Singh, Randhir Yadav and Ram Singh Yadav. 2020. An Economic analysis of

Sugarcane cultivation in Ghazipur District of Uttar Pradesh. *International Journal of Current Microbiology and Applied Science*. IISN:2319-7706 vol-9 pp-7.

41. Yadav, S., Yadav, G.C., Kumar, V., Yadav, D. and Yadav, A.K. 2020. Estimation of heterosis and economic heterosis for growth, yield and quality in tomato. *Multilogic In Science X(XXXIV)*:1061-1062.
42. Kumar, V., Mishra, D.P., Kumar, V. and Tiwari, A.K. 2020. Correlation and path coefficient analysis for yield and components traits in different genotypes of potato (*Solanum tuberosum* L.) under Eastern Uttar Pradesh condition. *International Journal of Chemical Studies*. 8(4): 2866-2870.
43. Tiwari, A.K., Mishra, D.P., Kumar, V. and Kumar, V. 2020. Assess the association between the yield and yield contributing traits in garlic. *International Journal of Chemical Studies*. 8(4): 2850-2853.
44. Bajpai, R.K., Mishra, D.P., Yadav, G.C., Kumar, V and Dwivedi, D.K. 2020. Assessment of variability and heritability for quantitative and qualitative traits of Brinjal. *Journal of Pharmacognosy and Phytochemistry*, 9 (5): 1262-1264.
45. Bajpai, R.K., Mishra, D.P., Yadav, G.C., Kumar, V. and Kumar, S. 2020. Evaluation of F₁ hybrids and parental lines for quantitative and qualitative traits of Brinjal. *International Journal of Chemical Studies*. 8(5): 768-773.
46. Kumar, A. Tiwari, U.S., Kumar, V., Kumar, N. and Yadav, A.K. 2020. Assessment of the integrated nutrient management effects on yield Attributes and yield of wheat cv. Pbw-550. *Plant Archives*. 20(2): 282-285.
47. Yadav A, Pratap, B., Kumar, V Pathak, S. and Yadav, A.K. 2020. Assess the effect of micronutrients and plant growth regulators on vegetative growth and fruit attributes of strawberry. *Multilogic In Science*. X (XXXIV): 1061-1062.
48. Yadav, A K, Vyas, R.P., Yadav, V. K. and Kumar V. 2020. Exploitation of heterobeltiosis and economic heterosis for yield and its component traits in rice (*Oryza sativa* L.). *Plant Archives*. 20(2): 4555-4563.
49. Pandiaraj T., Sumit Chaturvedi and A. K. Bhardwaj. 2020. Response of Conservation Agriculture on System Productivity and Carbon Sequestration in Rice-Based Cropping Systems. *Internal Journal of Environment and Climate Change*. (Past name: *British Journal of Environment and Climate Change*). 10(10): 24-34.
50. Pandiaraj T., Sumit Chaturvedi and A. K. Bhardwaj. 2020. An Optimistic Effects of Resource Conservation Technologies on Growth Characteristics of Rice in Rice-Wheat Cropping System. *Bulletin of Environment, Pharmacology and Life Sciences* (Accepted).
51. Reeshu Singh, Prakash Yadav and Vimlesh Kumar. 2020. Role of Micronutrients in Agricultural Crop Production. *International Journal of Trend in Research and Development*. 7 (5):81-82.
52. S. Sasank, Parameswar Jena, Dipti Bisariya, Vinay Kumar and A. K. Singh. 2020. Effect of organic, Inorganic fertilizers on maize emergence, growth and performance. *International Journal for Research*. Vol. 8, No. XI, Pp:554-559.
53. Singh, P., Tiwari A and Kumar, V. 2020. Potential of Neutraceutical crops to cope up of climate change and food security for the future: A Review. *Plant Archives*. ISSN: 2582-5210 Volume 20 – Special Issue (AIAAS- 2020) pp:297-301.
54. T. Pandiaraj, Susmita Das, Manjappa and C. M. Bajpeyi. 2020. An extensive soil survey on plant micronutrients status in tasar silkworm host plants growing

sites in Mayurbhanj district of Odisha State. *International Journal of Ecology and Environmental Sciences*. 2(3):174-177.

55. T. Pandiaraj, Prakash Yadav and Kichenaradjou. Rehabilitation of Degraded Lands for Sustainable Crop Production. *Bulletin of Environment, Pharmacology and Life Sciences*. 10(3):237-241.
56. Tiwari, A., Singh, P and Kumawat S. 2020. Application of Bioinformatics in Plant Breeding System *International Journal of Current Microbiology and Applied Science*. Special Issue-11 pp: 2825-2831.
57. Tiwari A. and Mishra D. K. 2020. Application of SSR Markers for Purity Testing of Hybrid Wheat (*Triticum aestivum* L.). *International Research Journal of Pure & Applied Chemistry* 21(22): 31-40.
58. Vimlesh Kumar, D. K. Singh, Prakash Yadav and V. K. Singh. 2020. Role of Vegetables in Human Nutrition and National Economy. *International Journal of Trend in Research and Development*. 7(5): 105-106
59. Vinod Kumar, Prakash Yadav, Vimlesh Kumar. 2020. Various method of chemical fertilizers application in agriculture. *International Journal of Trend in Research and Development*. 7(2): 298-300.
60. Vinod Kumar, Vimlesh Kumar, Prakash Yadav. 2020. Importance of summer ploughing for sustainable agriculture. *International Journal of Trend in Research and Development*. 7(3): 336-337.
61. Yadav A, Pratap, B. Kumar, V Pathak, S. and Yadav, A.K. 2020. Assess the effect of micronutrients and plant growth regulators on vegetative growth and fruit attributes of strawberry. *Multilogic In Science*. X(XXXIV), 1061-1062.
62. Yadav, A K, Vyas, R.P., Yadav, V. K. and Kumar V. 2020. Exploitation of heterobeltiosis and economic heterosis for yield and its component traits in rice (*Oryzasativa*L.). *Plant Archives*. 20(2): 4555-4563.
63. Yadav, P. Pandiaraj, T. Kumar, V, Yadav, V., and Singh. P. 2020. Concepts, Present Status, Prospective and Myth and Reality of Organic Farming with Special Reference to Indian Context *International Journal of Trend in Research and Development*. 9(8): 3742-3748.
64. Prakash Yadav, T Pandiaraj, Vimlesh Kumar, DK Singh, Akankcha Tiwari , Priyanka Singh. 2020. Green manuring as a booster for improvement of soil fertility and feasible method for reduction of global warming causing chemical fertilizer, *International Journal of Ecology and Environmental Sciences*. 2(4): 254-256.
65. Vimlesh Kumar, DK Singh, Prakash Yadav, Akanksha Tiwari and Piyusha Singh. 2020. Genetic improvement of bell pepper under protected structures- a review, *International Journal of Trend in Research and Development*. 11(1): 102-106.
66. Singh, A.; Singh, R.S.; Kumar, M.; Pandey, V. K.; Singh, V. And Shahi, A. K. S. (2021). Effect of weed management practices on weed flora, growth and yield of direct seeded rice (*Oryzasativa* L.). *Journal of Pharmacognosy and Phytochemistry*, 10(1):138-142. 5.53
67. Bhati, J.; Singh, RB.; Vimal, SC.; Katiyar, D. and Gupta, M. (2021). Relative efficacy of seed protectants on stability of mungbean (*Vignaradiate* (L.) Wilczek) under ambient condition. *The Pharma Innovation*, 10(8):895-902. 5.23
68. Bhati, J.; Singh, RB.; Vimal, SC.; Katiyar, D. and Gupta, M. (2021). Comparative studies of seed protectants for longterm ambient storage of mungbean against *Callosobruchus chinensis* (L.) *The Pharma Innovation*, accepted. 5.23

69. Gupta, M.; Yadav, RDS.; Vimal, SC.; Katiyar, D.; and Bhati, J. (2021). Stability behaviour in Indian mustard (*Brassica juncea* L.). *The Pharma Innovation*, 10(4):802-806. 5.23
70. Gupta, M.; Yadav, RDS.; Jyoti; Katiyar, D.; and Bhati, J. (2021). Genetic divergences for seed quality parameters in Indian mustard [*Brassica juncea* (L.) Czern & Coss.]. *The Pharma Innovation*, 10(4):837-840. 5.23
71. Katiyar, D.; SC, Vimal; Bhati, J.; Gupta, M.; Kumar, M.; and Shahi, AK. (2021). Character association of yield components and seed quality parameters in wheat (*Triticum aestivum* L.). *The Pharma Innovation*, accepted. 5.23
72. Katiyar, D.; SC, Vimal; Gupta, M.; Bhati, J.; Kumar, M. (2021). Standardization of plant growth regulator for optimization of seed yield and its contributing parameters in wheat (*Triticum aestivum* L.). *The Pharma Innovation*, 10(6):1090-1095. 5.23
73. Jyoti; RDS. Yadav and SC, Vimal (2021) Standardization of hydro-priming for enhancing seed quality parameter in wheat (*Triticum aestivum* L.). *The Pharma Innovation*, 10(4):332-335. 5.23
74. Yadav, RDS.; Kumar, A.; Singh, RK.; Purushottam and Dheer, V. (2021). Technological refinement to enhance profitability in hybrid rice seed production. *International Journal of Chemical Studies*, 9(1): 196-200. 5.31
75. Shanker,R.;Singh, RB; Singh, SP ; Kumar, S.; Patel ,PK and Singh, AK. (2021). Seasonal activity of tur pod fly, *Melanagromyza obtusa* (Malloch) (Diptera: Agromyzidae) and its relation with agro-climatic conditions of eastern Uttar Pradesh. *The Pharma Innovation Journal*,10(5): 716-718. 5.23
76. Shanker, R.;Singh, RB;Patel , S.;Patel , P.K. and Kumar, S.(2021). Field evaluation of different insecticides against Pod fly (*Melanagromyza obtusa* Malloch) on Pigeon Pea (*Cajanus cajan*). *Journal of Entomological Research*, (Accepted) 5.89
77. Singh ,P.;Singh, R. B.; Nishad, R. N.; Kumar, A.; Patel, S. and Kumar, L.(2021). Relative efficacy of eco-friendly seed protectants against pulse beetle, *Callosobruchus chinensis* Linn. in stored pigeonpea under ambient condition. *J. Exp. Zool. India*,24(2):1217-1223. 5.25
78. Vikash Pal Singh, Laxman Prasad, Kamal Khilari and Siddarth N. Rahul* (2020). Antagonistic potential of locally isolated *Trichoderma spp.* on different species of *Fusarium*. *Special Issue-11*: 4184-4192.
79. Manish Kumar Maurya, S.K. Singh, S. N. Rahul, V.P. Dubey, Vikash Kumar Yadav, SP Vishwakarma and Shyam Babu Gautam (2021). *In vitro* efficacy test of fungicides against *Ustilaginoidea virens* causing false smut of rice. *The Pharma Innovation Journal* 2021; 10(8): 1139-1142. NAAS rating: 5.23.
80. Krishnamurthy S.L, Sharma P.C, Sharma D.K, Singh Y.P, Mishra V.K, Burman D, Majid.B, Mendal.S, Sarangi S.K, Gautam R.K, Singh P.K, Manohara K.K, Marandi B.C, Chattopadhyay K., Padmavathi. G, VanveP.B, Patil K.D, Thirumeni. S, Verma O. P., Khan A.H, Tiwari.S, Geetha.S, Gill R, Yadav V.K, S.K.B Roy, Prakash., Anandan A., Bonifacio.J, Ismail.A. M. and Singh R.K (2021) Additive main effects and multiplicative interaction analyses for yield performance in rice genotypes for general and specific adaptation to salt stress in locations in India. *Vol.217*: 20. *Euphytica* NAAS 7.53
81. Akhilesh Kumar Yadav, RP Vyas, VK Yadav, Vimilesh Kumar. 2021. Combining ability and gene action studies in rice (*Oryza sativa* L.) for yield and

its contributing traits. *International Journal of Ecology and Environmental Sciences*. 3(1), pp:127-133

82. Yadav, A., Pathak, S., Kumar, V., Saini, P.K. Rao, O.P., Yadav, G.C., and. Yadav, R.K. 2021. Evaluation of jackfruit genotypes for qualitative and yield traits under Eastern Uttar Pradesh. *Multilogic In Science*. VOL.X, issue XXXVI.
83. Sneha Singh, Bhanu Pratap, Vimlesh Kumar, Atul Yadav, Dheeraj Yadav and Abhinav Kumar. 2021. Assess the effect of integrated nutrient management on flowering and fruiting behaviour of aonla cv. Francis. *International Journal of Chemical Studies*. 9(2): 390-393
84. Sneha Singh, Bhanu Pratap, Vimlesh Kumar, Atul Yadav, Dheeraj Yadav and Abhinav Kumar. 2021. Assess the effect of integrated nutrient management on flowering and fruiting behaviour of aonla cv. Francis. *International Journal of Chemical Studies*. 9(2): 390-393.
85. Sneha Singh, Bhanu Pratap, Vimlesh Kumar, Govind Vishwakarma, Atul Yadav, Dheeraj Yadav and Abhinav Kumar. 2021. Assess the Effect of Integrated Nutrient Management on Vegetative Growth and Quality of Aonla cv. Francis. *International Journal of Current Microbiology and Applied Science*. 10(02): 3340-3351.
86. Vinod Kumar, Vimlesh Kumar and Prakash Yadav. 2021. Significance of Soil Solarization in Crop Production. *International Journal of Trend in Research and Development*. 8(2): 2394-9333.
87. Reeshu Singh, Pankaj Singh, D.K.Dwivedi, S.Prasad, Ankit Singh &Alok Singh Molecular characterization and genetic diversity of different rice (*Oryza sativa* L.) genotypes for salt tolerance. 2021 .International Journal of Chemical Studies 378-386
88. Manendra Kumar, Pradeep Kumar Saini, R.K.Yadav, Alok Kumar Singh, SumantPratap Singh, Brijesh Kumar and R.N.Kewat Effect of foliar application of different nutrients on biochemical changes of Wheat (*Triticumaestivum* L.) under sodic soil. 2021 International Journal of Chemical Studies 3270-3272.
89. R.K.Yadav, Manendra Kumar, Pradeep Kumar Saini, Alok Kumar Singh, A.K.Singh, Brijesh Kumar, A.K.Pandey and Ankit Singh Effect of foliar application of different nutrients on growth and yield of wheat (*Triticumaestivum* L.) under sodic soil. 2021 The Pharma Innovation 589-594.
90. RohitNadan, R.K.Yadav, SumantPratap Singh, Alok Kumar Singh and A.K.Singh Effect of seed priming with plant growth regulators on growth, biochemical changes and yield of Mung bean (*Vigna radiate* L.) 2021 International Journal of Chemical Studies 2922-2927
91. Bhupendra Mishra, R.K.Yadav, SumantPratap Singh, Alok Kumar Singh and A.K.Singh Effect of foliar application of plant growth regulators on growth and development, biochemical changes and yield of mung bean (*Vigna radiate* L.) 2021 Journal of Phormacognosy and Phytochemistry 2789-2794
92. Rishi Kumar Singh, R.K.Dohary, N.R.Meena, Alok Kumar Singh, Adesh Kumar Verma, Neeraj Kumar &VikashPandey Application and use of mobile phone for Indian Agriculture Sector: A Review Paper. 2021 Journal of Natural Resource and Development 124-134.
93. Ajit Verma, Sarita Srivastav, Vinay Kumar Singh, Ashok Kumar Singh and Anil Kumar Singh (2020). Study of the Economics and Benefit cost Ratio of

- Brinjal at different form levels. *Plant Archive*. Vol 20 No. 2. Pp. 8463-8464. ISSN: 0972 -5210, NAAS rating-4.41
94. Ajit Verma, Vinay Kumar Singh, Anil Kumar Singh, Ashok Kumar Singh and Sarita Srivastav (2020). Study of the economics of chilli (*capsicum Annueem*) on different farm conditions. *Plant Archive*. Vol 20 No. 2. Pp. 8995-8996. ISSN: 0972 -5210, NAAS rating -4.41
 95. Ajit Verma, Anil Kumar Singh, Ashok Kumar Singh, Sarita Srivastav, and Vinay Kumar Singh (2020). Study of productivity and income level of potato under various farm size groups. *Plant Archive*. Vol 20 No- 02. Pp. 9368-9369, ISSN: 0972-5210 NAAS rating-4.41
 96. Alpana Singh, Sarita Srivastav (2021). Impact of mass media on academic achievement of school going adolescent in Varanasi city. *Pharma Inno. J*. Vol 10 No- 8. Pp. 584-586, ISSN: 2277-7695 NAAS rating-5.23.
 97. Vinay Kumar, Ramesh Singh, R.K. Doharey, Ramesh Chand, Sushant Srivastava & Rabindra Kumar (2020) Study the effect of integrated disease management approach on germination, plant height and yield of potato and on severity of Late blight of potato *Phytophthora infestans* (Mont.) de Bary. *International Journal of Chemical Studies*, February-2020; SP-8(2) pp. 43-55 E-ISSN:2321-1902 P-ISSN:2349-8528
 98. Vinay Kumar, Ramesh Singh, R.K. Doharey, Ramesh Chand & Satendra Kumar (2020) Evaluation of the effect of different fungicides against *Phytophthora infestans* (Mont) de Bary (In vitro) *Journal of Pharmacognosy and Phytochemistry*, 2020; 9(3):1935-1942. E-ISSN:2278-4136 P-ISSN:2349-8234
 99. Ashwani Kumar Verma, R.K., Doharey, S. K. Dubey, Satyapriya, Sitaram Bishnoi, Om Prakash and Kaushik Prashad (2020) Extent of Knowledge and Adoption of Potato Growers in Kannauj District of Uttar Pradesh *Indian Journal of Extension Education*, IARI, New Delhi, Vol. 55, No. 4, 2019 (87-91) ISSN 0537-1996(Print) ISSN 2454-552X(Online)
 100. Saurabh, Sushant Srivastava, Anand Kumar, Pushkar Sharma, R.K. Doharey, V.K. Singh & Vinay Kumar (2020) Current perceptives on canine cystic endometrial hyperplasia-pyometra syndrome-A review *International Journal of Chemical Studies*, June-2020; SP-8(2) pp. 147-154 E-ISSN:2321-1902 P-ISSN:2349-8528
 101. Ashwani Kumar Verma, R.K., Doharey, Sachchidanad Upadhyay, S. K. Dubey and Kaushik Prashad (2020) Bottlenecks of Potato Growers and Ways to Ameliorate Them: Micro Level Study from Kannauj District of Uttar Pradesh *Journal of Community Mobilization and Sustainable Development* (Peer Reviewed Journal), Biannual Journal of Society for Community Mobilization for Sustainable Development, Dwarka, New Delhi, January to April-2020; Vol.-15(1), pp. 130-134 Print ISSN 2230-9047 mOnline ISSN 2231-6736
 102. Kamal Kishore, R.K. Doharey, Shalu Gautam and N.R. Meena & S.N. Singh (2020) Utilization pattern of mass media by Post Graduate Students in State Agriculture University of Uttar Pradesh *Bulletin of Environment, Pharmacology and Life Sciences*, Vol-9(9), August-2020:07-11 Online ISSN: 2277-1808
 103. Neyaz Mohamad Fayaz, R.K. Doharey and N.R. Meena (2020) Utilization Pattern of Social Media use by Ph. D Students in A.N.D. University of Ag. & Technology, Kumarganj, Ayodhya (U.P.) India *Plant Archives* Vol. 20, Special Issue (AIAAS-2020), 2020 pp.328-332 ISSN-0972-5210 Sept-2020
 104. Neyaz Mohamad Fayaz, R.K. Doharey and N.R. Meena (2020) Knowledge Extent of the Ph.D. Students about Social Media in A.N.D.

- University of Ag. & Technology, Kumarganj, Ayodhya (U.P) India Plant Archives Vol. 20, Special Issue (AIAAS-2020), 2020 pp.323-327 ISSN 0972-5210 Sept-2020
105. Kamal Kishore, R.K. Doharey, Shalu Gautam and N.R. Meena (2020) Socio-economic Profile of Post Graduate Students about Mass Media Utilization Pattern in State Agriculture University of Uttar Pradesh Indian Journal of Pure and Applied Bioscience (2020), 8(5),56-65 ISSN: 2582-2845 Sept.-Oct.-2020
 106. Manoj Kumar, M.P. Gautam, R.K. Doharey, Shesh Narain Singh, Ram Singh Yadav and Annu (2020) Knowledge, Adoption, Marketing, Integrated Pest Management and its Constraints of Legumes Grower in India Scenario: A Review Plant Archives Vol. 20, Special Issue (AIAAS-2020), 2020 pp.468-474 ISSN 0972-5210 Sept-2020
 107. Arvind Pratap Singh, Prakash Singh, R.K. Doharey, R.K. Singh, Rishi Kumar Singh, Abhay Kumar Singh & Vikash Pandey (2020) Factor influencing adoption level of farmers regarding organic farming in eastern UP Journal of Pharmacognosy and Phytochemistry, 2020; Sp 9(6): 502-505 E-ISSN:2278-4136 P-ISSN:2349-8234
 108. R.K. Singh, R.K., Doharey, M. Singh, and A.P. Singh (2020) A Critical Analysis on Knowledge Level of Farmers About Using Mobile Phone Journal of Community Mobilization and Sustainable Development (Peer Reviewed Journal), Biannual Journal of Society for Community Mobilization for Sustainable Development, Dwarka, New Delhi, September to December-2020; Vol.-15(3), pp. 712-718 Print ISSN 2230-9047 Online ISSN 2231-6736
 109. Manoj Kumar, R.K. Doharey, D.K. Singh, Satyapriya, and R.P. Singh (2020) Knowledge of the Mango Growers about Management Practices Mango Growers of Western Uttar Pradesh Indian Journal of Extension Education, IARI, New Delhi, Vol. 56, No. 4, 2020 (104-108) ISSN 0537-1996(Print) ISSN 2454-552X(Online)
 110. Gangwar, R. and Yadav. A. 2020. Constraints faced by rural youth in employment generation in the hills of Uttarakhand. Indian Journal of Extension Education. Volume 56(1).
 111. Gangwar, R., Singh, D.K. and Yadav. A. 2021. Climate change and food security: A next generation issue. Frontiers in Crop Improvement. 9(1) :208-211.
 112. Singh P., Jain P.K. and Tiwari A. 2020. Principal Component Analysis Approach for Yield Attributing Traits in Chilli (*Capsicum annum* L.) Genotypes. Chem Sci Rev Lett, 9(33): 87-91.
 113. Tiwari, A. and Mishra, D.K. 2020. Application of SSR Markers for Purity Testing of Hybrid Wheat (*Triticum aestivum* L.). International Research Journal of Pure & Applied Chemistry. 21(22): 31-40.
 114. Kumawat, S., Babbar A., Tiwari, A., Singh S. and Solanki, R.S. 2021. Genetic variability and association of yield attributing traits interference to elite kabuli chickpea lines under late sown conditions. Indian Journal of Agricultural Sciences. 91 (4): 634–638.
 115. Somvanshi, P.S., Pandiaraj, T. and Singh, R.P. 2020. An unexplored story of successful green revolution of India and steps towards ever green revolution. Journal of Pharmacognosy and Phytochemistry. 9(1): 1270-1273.

116. Yadav, P. Pandiaraj, T., Yadav, V., Yadav, V., Yadav, A. and Singh, V. 2020. Traditional values of medicinal plants, herbs and their curable benefits. *Journal of Pharmacognosy and Phytochemistry*. 9(1): 2104-2106.
117. Pandiaraj, T., Das, S. Manjappa and Sahay, A. 2020. Soil Fertility Status and Nutrient Index in Different Tasar Silkworm Host Plants Growing Ecosystems of Purulia District, West Bengal, India. *International Research Journal of Pure and Applied Chemistry*. 21 (1): 28-35.
118. Pandiaraj, T., Das, S., Manjappa and Bajpeyi, C.M. 2020. An extensive soil survey on plant micronutrients status in tasar silkworm host plants growing sites in Mayurbhanj district of Odisha State. *International Journal of Ecology and Environmental Sciences*. 2(3): 174-177.
119. Yadav, P. Pandiaraj, T., Kumar, V., Yadav, V. and Singh, P. 2020. Concepts, Present Status, Prospective and Myth and Reality of Organic Farming with Special Reference to Indian Context. *International Journal of Current Microbiology and Applied Science*. 9(8):3742-3748.
120. Pandiaraj T., Chaturvedi, S. and Bhardwaj, A.K. 2020. Response of Conservation Agriculture on System Productivity and Carbon Sequestration in Rice-Based Cropping Systems. *Internal Journal of Environment and Climate Change*. (Past name: *British Journal of Environment and Climate Change*). 10(10): 24-34.
121. Yadav, P. Pandiaraj, T., Kumar, V., Singh, D.K., Tiwari, A. and Singh, P. 2020. Green manuring as a booster for improvement of soil fertility and feasible method for reduction of global warming causing chemical fertilizer. *International Journal of Ecology and Environmental Sciences*. 2(4): 254-256.
122. Karmakar, K., Srivastava, A.K. and Pandiaraj, T. 2021. Effect of Integrated Nutrient Management on Biochemical Parameters and Nutrient Content on the Leaf of Food Plant of Tropical Tasar Silkworm (*Antheraea mylitta* Drury). *Research Journal of Agricultural Sciences*. 12(3): 981–984.
123. Pandiaraj T., Chaturvedi, S. and Bhardwaj, A.K. 2020. An Optimistic Effects of Resource Conservation Technologies on Growth Characteristics of Rice in Rice-Wheat Cropping System. *Bulletin of Environment, Pharmacology and Life Sciences*. 9(6):116-121.
124. Sharma, N., Bhardwaj, A.K., Soman, P. Pandiaraj, T. and Labh, B.K. 2021. On farm study on micro irrigation effect of enhancing water productivity of rice (*Oryza sativa* L.) Under different crop establishment methods in Haryana, India. *International Journal of Agriculture Sciences* 125.13(8): 10855-10862.
126. Yadav, S., Yadav, G.C., Kumar, V. Yadav, D. and Yadav, A. K. 2020. Estimation of Heterosis and Economic Heterosis for Growth, Yield and Quality in Tomato. *Multilogic In Science X (XXXIV)*: 1061-1062.
127. Yadav, A., Pratap, B., Kumar, V. Pathak, S. and Yadav, A.K. 2020. Assess the effect of micronutrients and plant growth regulators on vegetative growth and fruit attributes of strawberry. *Multilogic in Science X (XXXIV)*: 1061-1062.
128. Yadav, A., Pathak, S. Kumar, V. Saini, P.S., Rao, O.P., Yadav, G.C. and Yadav, R.K. 2021. Evaluation of Jackfruit Genotypes for Qualitative and Yield Traits under Eastern Uttar Pradesh. *Multilogic in Science*. VOL. X, ISSUE XXXVI.
129. Yadav, A.K., Vyas, R.P., Yadav, V.K. Kumar, V. 2021. Combining ability and gene action studies in rice (*Oryza sativa* L.) for yield and its contributing traits. *Electronic Journal of Plant Breeding*. 12(3):757 – 765. A.K. Singh, Anand Kumar Kandey, Ankit Singh, Alok Kumar Singh, **R.K. Yadav**, Ashish Kumar

- Srivastav and Sudhanshu Singh (2021). Impact of various establishment methods on yield of rice under rainfed condition. *The Pharma Innovation*. 10(12): 898-899.
130. A.K. Singh, Anand Kumar Kandey, Ankit Singh, Alok Kumar Singh, **R.K. Yadav**, Ashish Kumar Srivastav and Sudhanshu Singh (2021). Effect of NPK and chemical application on nitrogen uptake and yield of rice under rainfed condition. *The Pharma Innovation*. 10(12): 900-902.
131. Atul Yadav, Dr. Sanjay Pathak, Dr. Vimlesh Kumar, Pradip kumar Saini, Dr. O.P. Rao, Dr. G.C. Yadav and Dr. **R.K. Yadav** (2021)- Evaluation of jack fruit genotypes for qualitative and yield traits under eastern Uttar Pradesh. *Multilogic in science*, VOL. X, ISSUE XXXVI, January 2021.
- 132.

2021-2022

1. Samridhi singh, N.A. Khan, Sumant pratap Singh, H.K. Singh and D. K. Dwivedi (2022). Varietal Screening and Molecular Analysis against *Alternaria* Blight in Indian Mustard Genotypes. *Journal of Agrisearch*, ((1):79-87 ISSN: 2348-8808(p) NAAS 4.71 March 2022.
2. Rahul Kumar Maurya, D.K. Dwivedi, N.A. Khan, S.P. Giri and Saurabh Dixit (2022). Genetic Variability Studies for Qualitative and Quantitative traits in Rice (*Oryza sativa* L) *The Pharma Innovation Journal*. 11(5):1140-1143 April 2022. ISSN (p) 2349-7695 NAAS 5.23
3. Abhishek Singh, Dr. Pratibha Singh, Dr. Ramesh Pratap Singh and Dr. N.A. Khan (2021). To determine Aloin A&B content in Aloe Vera (*Aloe barbadensis* Miller) Leaf gels. *The Pharma Innovation Journal*. 10 (12):2929-2931 ISSN (p) 2349-7695 NAAS 5.23
4. Tausif Ahmad, Nadeem Khan and N.A. Khan (2021) Performance of Mustard Variety RH 749 to different Planting Method and nitrogen Levels Along with Plant Protection Measures. *Progressive Research :An International Journal* ISSN 0973-6417(p) NAAS 3.87.
5. Km. Komal, Adesh Kumar, Muzaffar Ali Khan, Akрати Dev, Ashish Kumar, Shambhoo Prasad and Niyaj Ahamad (2022). Effect of plant growth promoting rhizobacterium on chlorophyll content of chickpea plant (*Cicer arietinum* L). *The Pharma Innovation* 11(4): 1021-1025. NAAS. 5.23
6. Abhimanyu Yadav, Awadhesh Kumar Singh, Pankaj Singh, Nishant Singh and Adesh Kumar (2022). Impact of organic and inorganic nutrient sources on yield attributes and yield of mize mustard cropping system, *International Journal of Plant & Soil Science* 3`4(13):25-32. NAAS. 4.42
7. Km. Komal, Adesh Kumar, Niyaj Ahamad and Shambhoo Prasad (2022) Isolation and evaluation of antagonistic plant growth promoting rhizospheric bacteria from chickpea, *Journal of Plant Development Sciences* 14 (3):325-330. NAAS.4.13.
8. Niyaj Ahamad, Adesh Kumar, Km. Komal and D. K. Dwivedi (2022) Isolation and characterization of antagonistic rhizospheric bacteria from Lentil, *Journal of Plant Development Sciences* 14(3):343-347. ISSN – 0974-6382 NAAS 4.13.
9. Vinay Kumar, Ramesh Singh, R.K. Doharey, Ramesh Chand, Sushant Srivastava & Rabindra Kumar (2020) Study the effect of integrated disease

management approach on germination, plant height and yield of potato and on severity of Late blight of potato *Phytophthora infestans* (Mont.) de Bary. International Journal of Chemical Studies, February-2020; SP-8(2) pp. 43-55.

10. Vinay Kumar, Ramesh Singh, R.K. Doharey, Ramesh Chand & Satendra Kumar (2020) Evaluation of the effect of different fungicides against *Phytophthora infestans* (Mont) de Bary (In vitro). Journal of of Pharmacognosy and Phytochemistry, 2020; 9(3):1935-1942.
11. Saurabh, Sushant Srivastava, Anand Kumar, Pushkar Sharma, R.K. Doharey, V.K. Singh & Vinay Kumar (2020) Current perceptive on canine cystic endometrial hyperplasia-pyometra syndrome-A review International Journal of Chemical Studies, June-2020; SP-8(2) pp. 147-154
12. Ashwani Kumar Verma, R.K., Doharey, Sachchidanad Upadhyay, S. K. Dubey and Kaushik Prashad (2020) Bottlenecks of Potato Growers and Ways to Ameliorate Them: Micro Level Study from Kannauj District of Uttar Pradesh Journal of Community Mobilization and Sustainable Development (Peer Reviewed Journal), Biannual Journal of Society for Community Mobilization for Sustainable Development, Dwarka, New Delhi, January to April-2020; Vol.-15(1), pp. 130-134
13. Kamal Kishore, R.K. Doharey, Shalu Gautam and N.R. Meena & S.N. Singh (2020) Utilization pattern of mass media by Post Graduate Students in State Agriculture University of Uttar Pradesh Bulletin of Environment, Pharmacology and Life Sciences, Vol-9(9), August-2020:07-11
14. Neyaz Mohamad Fayaz, R.K. Doharey and N.R. Meena (2020) Utilization Pattern of Social Media use by Ph. D Students in A.N.D. University of Ag. & Technology, Kumarganj, Ayodhya (U.P.) India Plant Archives Vol. 20, Special Issue (AIAAS-2020), 2020 pp.328-332
15. Neyaz Mohamad Fayaz, R.K. Doharey and N.R. Meena (2020) Knowledge Extent of the Ph.D. Students about social media in A.N.D. University of Ag. & Technology, Kumarganj, Ayodhya (U.P) India Plant Archives Vol. 20, Special Issue (AIAAS-2020), 2020 pp.323-327
16. Kamal Kishore, R.K. Doharey, Shalu Gautam and N.R. Meena (2020) Socio-economic Profile of Post Graduate Students about Mass Media Utilization Pattern in State Agriculture University of Uttar Pradesh Indian Journal of Pure and Applied Bioscience (2020), 8(5),56-65
17. Manoj Kumar, M.P. Gautam, R.K. Doharey, Shesh Narain Singh, Ram Singh Yadav and Annu (2020) Knowledge, Adoption, Marketing, Integrated Pest Management and its Constraints of Legumes Grower in India Scenario: A Review Plant Archives Vol. 20, Special Issue (AIAAS-2020), 2020 pp.468-474
18. Arvind Pratap Singh, Prakash Singh, R.K. Doharey, R.K. Singh, Rishi Kumar Singh, Abhay Kumar Singh & Vikash Pandey (2020) Factor influencing adoption level of farmers regarding organic farming in eastern UP Journal of of Pharmacognosy and Phytochemistry, 2020; Sp 9(6): 502-505
19. R.K. Singh, R.K., Doharey, M. Singh, and A.P. Singh (2020) A Critical Analysis on Knowledge Level of Farmers About Using Mobile Phone Journal of Community Mobilization and Sustainable Development (Peer Reviewed Journal), Biannual Journal of Society for Community Mobilization for Sustainable Development, Dwarka, New Delhi, September to December-2020; Vol.-15(3), pp. 712-718 Print ISSN 2230-9047
20. Manoj Kumar, R.K. Doharey, D.K. Singh, Satyapriya, and R.P. Singh (2020) Knowledge of the Mango Growers about Management Practices Mango

Growers of Western Uttar Pradesh Indian Journal of Extension Education, IARI, New Delhi, Vol. 56, No. 4, 2020 (104-108)

21. R.K. Singh, R.K., Doharey, Satyapriya, M. Singh, A.P. Singh, R.P. Singh and G.P. Singh (2020) Socio-economic of Farmers Having Mobile Phone: A Study in Ayodhya District of Uttar Pradesh Indian Journal of Extension Education, IARI, New Delhi, Vol. 56, No. 4, 2020 (81-86)
22. Shesh Narain Singh, Manoj Kumar, M.P. Gautam and R.K. Doharey (2021) Review Frontline Demonstration of KVK and its Effect on Yield, Economics, Income and Management Practices of different Crop In India. Biological Forum-An International Journal, July-2021,13(2):01-07(2021). pp-1-5, Print ISSN No. 0975-1130
23. Shalu Gautam, R.K. Doharey N.R., Meena and Atul Kumar (2021) Relationship between independent variables with those of dependent variables of the cell phone usages farmers in Kanpur Dehat district of U.P. The Pharma Innovation Journal, August-2021, SP-10(8): pp-734-73
24. Shalu Gautam, R.K. Doharey N.R., Meena and Atul Kumar (2021) To assess the knowledge extent of farmers which use of cell phone in Kanpur Dehat district of U.P. The Pharma Innovation Journal, August-2021, SP-10(8): pp-739-745
25. Vikash Pandey, R.K. Doharey and N.R., Meena (2021) Socio economic, communication and psychological characteristics attributes of hybrid rice growers The Pharma Innovation Journal, August-2021, SP-10(8): pp-726-730.
26. Vikash Pandey, R.K. Doharey and N.R., Meena (2021) Awareness of farmers about hybrid rice production practices The Pharma Innovation Journal, August-2021, SP-10(8): pp-731-733
27. Anuj Tiwari, N.R., Meena and R.K. Doharey (2021) Social traits of rice growers in eastern region of Uttar Pradesh The Pharma Innovation Journal, August-2021, SP-10(8): pp-587-590
28. Atul Kumar, R.K. Doharey, S.N. Singh, N.R., Meena and Shalu Gautam, (2021) To assess the impact of farmers through knowledge and adoption of crop insurance scheme The Pharma Innovation Journal, August-2021, SP-10(8): pp-705-708
29. Atul Kumar, R.K. Doharey, S.N. Singh, N.R., Meena and Shalu Gautam, (2021) Relationship between independent variables i.e. knowledge and adoption of crop insurance scheme The Pharma Innovation Journal-2021, SP-10(8):
30. Anuj Tiwari, N.R., Meena and R.K. Doharey (2021) Constraints faced by rice growers in finding information and its use in scientific rice cultivation practices in Eastern region of Uttar Pradesh Biological Forum-An International Journal, 13(2):01-07(2021). pp-1-5
31. Rishi Kumar Singh, R.K. Doharey, N.R., Meena, Alok Kumar Singh, Adesh Kumar Verma, Neeraj Kumar and Vikash Pandey (2021) Application and Use of Mobile Phone for Indian Agriculture Sector: A Review Paper Journal of Natural Resource and Development, January-2021, 10(1): pp-150-160
32. Chauhan P.S., Dangi KL and Meena N.R. (2021) A case study on crops cafeteria and benefits of NAIP to the farmers. Journal of Pharmacognosy and Phytochemistry,
33. Chauhan PS and Meena N.R. (2021) Sources and methods of irrigation among NAIP farmers in Udaipur District of Rajasthan. Journal of Pharmacognosy and Phytochemistry, P-ISSN:2349-8234 1199 5.21

34. Singh, S.; Singh, B.N.; Singh, Adesh; Tiwari, R.C. and Agrawal, Yakshi (2021). Effect of irrigation methods, moisture regimes and integrated nitrogen management on growth, yield and quality of potato (*Solanum tuberosum* L.). The Pharma Innovation Journal ISSN : (2021); 10(4) pp 525-530.
35. Singh, S.; Singh, B.N.; Singh, Adesh; Tiwari, R.C.; Md. Hasanain; Singh, Tejpal; Singh, Anand and Agrawal, Yakashi (2021). Response of potato (*Solanum terberosum* L.) to irrigation methods, moisture regimes and integrated nitrogen management. ISA/2020 (10)/214. Indian Journal of Agronomy 66(2): 237-240 June, 2021.
36. Singh, S.P., Mishra, S.R., Singh, S.N., Kumar, P., Verma, O.P., Singh, D.P., Kumar, V. and Devdas, V.S. (2021). Impact and variability OF Meteorological parameters on Rice crop at Siddharthnagar, Uttar Pradesh, India. Journal of experimental Agriculture International. 43(11):68-74
37. Gupta, S., Mishra, S.R., Singh, A.K and Mishra, A.N (2022). Studies on thermal unit and heat use efficiency requirement of mustard crop (*Brassica juncea* L.) under different ambient temperature and cultivar. International journal of environment and climate change. 12(3):51-57
38. Agrahari, R.K., Mishra, A.N, Mishra, S.R. and Singh, A.K (2022). Heat unit and heat use efficiency under different growing environment of mustard crop (*Brassica juncea* L.). International journal of environment and climate change. 12(10):1205-1209.
39. Lavkush, Singh, A.K, Singh, Shraddha, Tiwari, D, Singh, Piyusha, Zaidi, S.T., Yadav, R.K., Mishra, S.R. and Singh, A.K. (2022). Evaluation of wheat varieties for terminal heat stress under varying environments. International journal of environment and climate change. 12(10):546-554.
40. Kumar, A. Singh, A.K., Kumar, R.K. Aryan and Kalideen (2021). Studies on influence of EI-Nino on rainfall and crop production of major crops in Eastern Uttar Pradesh. Journal of pharmacognosy and phyto-chemistry; 10(1) : 2276-2280.
41. A.K. Singh, Anand Kumar Kandey, Ankit Singh, Alok Kumar Singh, R.K. Yadav, Ashish Kumar Srivastav and Sudhanshu Singh (2021). Impact of various establishment methods on yield of rice under rainfed condition. The Pharma Innovation. 10(12): 898-899.
42. A.K. Singh, Anand Kumar Kandey, Ankit Singh, Alok Kumar Singh, R.K. Yadav, Ashish Kumar Srivastav and Sudhanshu Singh (2021). Effect of NPK and chemical application on nitrogen uptake and yield of rice under rainfed condition. The Pharma Innovation. 10(12): 900-902.
43. Vishvakarma Shivendra Kumar, R.P. Singh, R.N. Kewat, R.K. Yadav, Alok Kumar Singh, N.R. Meena (2021). Biochemical changes of mango varieties associated with post harvest salicylic acid treatment and cardboard carton storage. AMA. Volume 52 (3).
44. Piyusha Singh, Akansha Tiwari, Vimlesh Kumar and Alok Kumar Singh (2022). Genetics and epigenetics – role in development of climate resilient crops. The Pharma Innovation. 11(3):1957-1960.
45. Lavkush, Alok Kumar Singh, Shraddha Singh, Deeksha Tiwari, Piyusha Singh, Syed Tazeen Zaidi, R.K. Yadav, S.R. Mishra and A.K. Singh (2022). Evaluation of wheat varieties for terminal heat stress under varying environments. International Journal of Environment and Climate Change. 12(10): 546-554.
46. Shraddha Singh, A.K. Singh, Sumant Pratap Singh, Alok Kumar Singh, and R.K. Yadav (2022). Correlation and Path Coefficient Analysis of Some Rice

- Genotypes (*Oryza sativa* L.). *International Journal of Environment and Climate Change*. 12(10): 1100-1109.
47. Shikha Shahi, R.K.Yadav, S.P.Kushwaha, Mayank Singh & Prabhat Singh (2022). Effect of plant growth regulators on biochemical studies of Mustard (*Brassica juncea* (L.) Czern & Coss.) under Sodic Soil. *International Journal of Environment and Climate Change* 39 (19): 280-286.
 48. Vishal Mehta, Housila P. Singh and Surya K. Pal (2020). A General Procedure For Estimating Finite Population Mean Using Ranked Set Sampling. *Revista Investigacion Operacional*, 41 (1), 80-92. [ISSN No.: 02574306, Indexed: Scopus, IF: 0.21]
 49. Rama Shankar Yadav, Vishal Mehta and Ashish Tiwari (2022). An application of time series ARIMA forecasting model for predicting nutri cereals area in India. *The Pharma Innovation Journal*, SP-11(3): 1260-1267. [ISSN (E): 2277-7695 ISSN (P): 23498242, 2022, NAAS score: 5.23]
 50. Manish Chouhan, Vishal Mehta, Rajesh Tailor, Ramkrishna S Solanki, Annu and Ajay Kumar Gautam (2022). Use of double sampling to estimate the finite population mean. *The Pharma Innovation Journal*, SP-11(3): 1254-1259. [ISSN (E): 2277-7695 ISSN (P): 2349-8242, 2022, NAAS score: 5.23]
 51. Ekta Pandey, Supriya, P. Mishra, Vishal Mehta, Kadir Karakaya and Mostafa Abotaleb (2021). Growth Rate of Pulses in Eastern Uttar Pradesh a Zone-wise Analysis. *Economic Affairs*, 66 (3), 377-382, September 2021. [Print ISSN : 0424-2513, Online ISSN : 0976-4666, 2022, NAAS score: 5.08]
 52. Rajendra Singh Bareliya, Satyendra S. Thakur, H. O. Sharma, P. R. Pandey and Vishal Mehta (2021). Determinants of Fallow Land in Different Districts of Madhya Pradesh. *Current Journal of Applied Science and Technology*, 40 (3), 33-40. [ISSN No.: 2457-1024, 2022 NAAS score: 4.71]
 53. Kumar, M., and Tiwari, A. (2021). A generalized class of estimators of population mean in two-phase sampling using two auxiliary variables. *International Journal of Mathematics and Statistics*, 22 (3), 18-27.
 54. Zeeshan, S. M., Vishwakarma, G. K., and Kumar, M. (2021). An efficient variant of dual to product and ratio estimators in sample surveys. *Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics*, 70 (2), 997-1010.
 55. Dubey, S. K., Kumar, M., Rai, V. N., and Tiwari, A. (2022). A composite class of estimators for a finite population mean using two auxiliary variables in two-phase sampling. *The Pharma Innovation Journal*, SP-11 (4), 44-49.
 56. Maurya, M. K., Singh, S.K., Yadav, V. K., Rahul, S. N. and Vishwakarma, S.P. (2021). Inhibitory effect of botanicals and bioagents against *Ustilaginoidea virens* (Cooke) Takah. causing false smut of rice. *Annals of Phytomedicine* 10(2): 515-520. (NAAS Rating- 5.95)
 57. Maurya, M. K., Singh, S.K., Rahul, S. N., Dubey, V.P., Yadav, V. K., Vishwakarma, S.P. and Gautam, S. B. (2021). *In vitro* efficacy test of fungicides against *Ustilaginoidea virens* causing false smut of rice. *The Pharma Innovation Journal* 10(8): 1139-1142. (NAAS Rating- 5.23)

58. Kumar, K., Mishra, R.S., Singh, S.K. and Kumar, P. (2022). Characterization and management of *Cercospora* leaf spot of fenugreek (*Trigonella foenum- graecum* L.) caused by *Cercospora traversiana* through organic treatments. *Annals of Phytomedicine* 11(1): 1-7. (NAAS Rating- 5.95)
59. Gautam, S. B., Chand, R., Singh, S.K., Chandra, S. and Maurya, M. K. (2021). Efficacy of *Trichoderma viride* and *T. harzianum* culture filtrate on egg hatching and larval mortality of root-knot nematode, *Meloidogyne incognita*. *Ann. Pl. Protec. Sci.* 29 (3) : 241-24. (NAAS Rating- 4.11)
60. Prasad, R., Chandra, S., Singh, S.K., Singh, S.P., Maurya, M. K. and Yadav, V. K., Singh, A. (2021). Symptomatology and survey of lentil wilt in Uttar Pradesh. *The Pharma Innovation Journal* 2021; SP-10(8): 581-583. (NAAS Rating- 5.23)
61. Yadav, V. K., Chaudhary, V. P., Singh, S.K., Maurya, M. K., Vishwakarma, S.P. Prasad, R., Yadav, J. R. and Singh, A. (2021). In vitro efficacy of botanicals against *Rhizoctonia solani* Kühn inciting sheath blight of rice. *The Pharma Innovation Journal* 10(8): 1144-1147. (NAAS Rating- 5.23)
62. Patel, S. K., Rahul. S. N. and Singh, Sushil Kumar (2021) Effect of botanicals on collar rot of chickpea caused by *Sclerotium rolfsii* Sacc. in combination with *Trichoderma harzianum*. *Annals of Phytomedicine* 10(2): 502-506. (NAAS Rating- 5.95)
63. Samridhi singh, N.A. Khan, Sumant pratap Singh, H.K. Singh and D. K. Dwivedi (2022). Varietal Screening and Molecular Analysis against *Alternaria* Blight in Indian Mustard Genotypes. *Journal of Agrisearch*, ((1):79-87 ISSN: 2348-8808(p) NAAS 4.71 March 2022.
64. Rahul Kumar Maurya, D.K. Dwivedi, N.A. Khan, S.P. Giri and Saurabh Dixit (2022). Genetic Variability Studies for Qualitative and Quantitative traits in Rice (*Oryza sativa* L) *The Pharma Innovation Journal*. 11(5):1140-1143 April 2022. ISSN (p) 2349-7695 NAAS 5.23
65. Abhishek Singh, Dr. Pratibha Singh, Dr. Ramesh Pratap Singh and Dr. N.A. Khan (2021). To determine A and B content in Aloe Vera (*Aloe barbadensis* Miller) Leaf gels. *The Pharma Innovation Journal*. 10 (12):2929-2931 ISSN (p) 2349-7695 NAAS 5.23
66. Tausif Ahmad, Nadeem Khan and N.A. Khan (2021) Performance of Mustard Variety RH 749 to different Planting Method and nitrogen Levels Along with Plant Protection Measures. *Progressive Research :An International Journal* ISSN 0973-6417(p) NAAS 3.87.
67. A.K. Singh, D. Kumar, R. Chaudhary and D.K. Dwivedi (2021). *In-vitro* potato plant improvement by different parts as explants. *Prog. Agric.* 21(1):180-186.
68. SP Giri, DK Dwivedi, Saurabh Dixit, Aman Singh, V Prasad, N Prakash, SKS Rajpoot and RA Singh (2021). Assessment of variability of rice (*Oryza sativa* L.) germplasm using agro-morphological characterization. *The Pharma Innovation* 10(10): 897-902.
69. Abhishek Sahu, P. S. Singh and S. K. Singh (2021) Assessment of host plant resistance in certain French bean (*Phaseolus vulgaris* L.) genotypes against major insect pests. *Journal of Experimental Zoology, India* 24(2): 1167-1170.

70. Dharm Beer, Umesh Chandra, Jai Kumar Yadav and Sameer Kumar Singh (2021) Population dynamics of fruit flies in bitter gourd (*Momordica charantia* L.) and its relationship with weather factors. *The Pharma Innovation Journal*. 10(10): 975-978.
71. Sameer Kumar Singh and P. S. Singh (2021) Biochemical factors associated with resistance to spotted pod borer, *Maruca vitrata* (Fabricius) in green gram. *Legume Research*. 44(11): 1398-1401.
72. Sameer Kumar Singh and P. S. Singh (2022) Biochemical traits associated with resistance to whitefly, *Bemisia tabaci* (Gennadius) in green gram. *Journal of Entomological Research*. 45 (Suppl.): 924-928.
73. Nitish Kumar Alok, Sameer Kumar Singh and Umesh Chandra (2022) Population dynamics of gram pod borer, *Helicoverpa armigera* (Hübner) in relation to abiotic factors on chickpea. *Journal of Experimental Zoology, India*. 25(1): 553-556.
74. Vijay Laxmi Rai, Sameer Kumar Singh and Rudra Pratap Singh (2021). Trends in Biopesticides Formulations for Crop Protection. In (Ed.) Wajid Hasan, Md. Motiar Rohman, Mehjabeen, Payel Panja, Hi-tech Crop Production and Pest Management. BIOTECH BOOKS 4762-63/23, Ansari Road, Darya Ganj, New Delhi - 110 002.
75. R.C.Tiwari, B.N.Singh, H.C.Singh and Ghanshyam Singh (2017). Effect of irrigation scheduling and integrated nutrient management on performance of scented Rice. International Conference on Sustainable Natural Resource Management: From Science to Practice (SNRMSP) held at BHU., Varanasi during January 12-13, 2017
76. B.N.Singh, R.C.Tiwari, H.C.Singh and R.K.Pathak (2017). Effect of moisture regime and integrated nutrient management on production of broccoli. International Conference on Sustainable Natural Resource Management: From Science to Practice (SNRMSP) held at BHU., Varanasi during January 12-13, 2017.
77. R.C.Tiwari, H.C.Singh, B.N. and Singh, Ghanshyam (2017) Multiple use of water through IFS for sustainable crop production in canal command. Paper accepted for 51 " ISAE Convention cum symposium to be held at HAU Hisar during Feb. 21-23 . 2017.
78. B.N.Singh, R.C. Tiwari, Singh, H.C. Singh and, Ghanshyam (2017) . Effect of different land configuration and moisture regimes on production of mentha crop (*Mentha vensis* L.). Paper accepted for 51 " ISAE Convention cum symposium to be held at HAU Hisar during Feb. 21-23 , 2017.
79. H.C.Singh, Tiwari, R.C, Singh, B.N. and Singh, Ghanshyam (2017). Rain water management for sustainable production of maize under rainfed condition Paper accepted for 51 " ISAE Convention cum symposium to be held at HAU Hisar during Feb 21-23 , 2017.
80. Mishra P K, Manjeet Singh, Manes G S, Bharat Patel and Anoop Dixit 2017. Study on the varietal characteristics of cotton crop for mechanical harvesting. *Journal of Cotton Research and Development*, Vol. 31 (2) 268-272.
81. Pramod Kumar Mishra, Ashok Tripathi, Himanshu Tripathi and Sheen C. Moses. 2017. Energy Inputs in Production of Lentil Crop under Different Types of Farming Systems. *Int.J.Curr.Microbiol.App.Sci*. 6(10): 971-977

82. Sanodiya, R., M. Singh, V. Bector, B. Patel and Pramod Mishra. 2017. Yield Prediction by Integrating NDVI and N-Tester Data with Yield Monitor Data. *Int.J.Curr.Microbiol.App.Sci.* 6(10): 1296-1307
83. Pramod Kumar Mishra, Manjeet Singh, J.S. Gill, BiswaMandal and Bharat Patel. 2017. Economic Analysis and Feasibility of Tractor Operated Cotton Harvesters. *Indian Journal of Economics and Development* 13(4), 761-766
84. Singh M, Sharma K, Mishra P K, Dixit A K and Patel B 2017. Defoliation Effect on Cotton Crop by using Different Sprayers *Agricultural Engineering Today* 41(1):31-34
85. Pramod Kumar Mishra, Manjeet Singh, J.S. Gill, Biswa Mandal and Bharat Patel. 2017. Economic Analysis and Feasibility of Tractor Operated Cotton Harvesters. *Indian Journal of Economics and Development* 13(4), 761-766
86. Abdul Hafeez, Prem Narayan Verma, Shikha Choudhary, 2017, Suboptimal Control of Power Steering System *International Journal of Engineering, Technology, Science and Research(IJETS)*
87. Mishra P K, Manjeet Singh, Manes G S, Bharat Patel and Anoop Dixit 2017. Study on the varietal characteristics of cotton crop for mechanical harvesting. *Journal of Cotton Research and Development*, Vol. 31 (2) 268-272.
88. Shikha Choudhary, Sunita Choudhary, Detection of ECG Fiducial points using Moving Average Filters for diagnosis of cardiac diseases. 5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering(UPCON-2018)
89. Manjeet Singh, Mahesh Kumar, Apoorv Prakash, Karun Sharma and Pramod Kumar Mishra. 2018. Comparative Field Performance of Pneumatic Planters for Planting of Maize Crop. *Agricultural Engineering Today* 42(3):12-18.
90. P. K. Mishra, Manjeet Singh, Karun Sharma and Bharat Patel. 2018. Modification and Development of Self Propelled Walk behind Finger Type Cotton Stripper. *Agricultural Engineering Today* 42(3):70-77.
91. Sunny Sharma, Vishal S Rana, Manisha Kumari and Parmod Mishra. 2018. Bio-fertilizers: boon for fruit production. *Journal of Pharmacognosy and Photochemistry* 7(5): 3244-3247.
92. Kumar, A and Pandey S.K. (2018).Engineering properties of pea and pea pods. *Multilogic in science*, 8, issue special(c); 217-225.
93. Pandey S.K. (2018). Physicochemical Changes under Bulk Perforated Modified Atmospheric Storage of Guava, *Agricultural Engineering Today*, 42(4); 42-47.
94. Pandey S.K. (2018).Performance evaluation of tamarind dehuller cum deseeder, *Agricultural Engineering Today*, 42(1); 52-55.
95. Pramod Kumar Mishra, Manjeet Singh, G S Manes, Anoop Dixit and Biswa Mandal. 2018. Computer aided refinement and development of tractor operated cotton stripper. *Indian Journal of Agricultural Sciences* 88 (4): 665–8
96. Manjeet Singh, Mahesh Kumar, Apoorv Prakash, Karun Sharma and Pramod Kumar Mishra. 2018. Comparative Field Performance of Pneumatic Planters for Planting of Maize Crop. *Agricultural Engineering Today* 42(3):12-18
97. P. K. Mishra, Manjeet Singh, Karun Sharma and Bharat Patel. 2018. Modification and Development of Self Propelled Walk behind Finger Type Cotton Stripper. *Agricultural Engineering Today* 42(3):70-77
98. Sunny Sharma, Vishal S Rana, Manisha Kumari and Parmod Mishra. 2018. Bio-fertilizers: boon for fruit production. *Journal of Pharmacognosy and Phytochemistry* 7(5): 3244-3247

99. A. D. Gupta, Avinash Mishra, RK Mehta, Yashi Gupta, S K Pandey Experimental Investigation for photo-voltic power generation using concept of solar tree.
100. Vijay Kumar Yadav, Ashish Gupta *Modelling of Barriers to Innovation for SMEs of Developing Countries Using ISM Approach International Advanced Research Journal in Science, Engineering and Technology (IARJSET) for Vol. 7, Issue 8, August 2020, ISSN: 2394-1588*
101. S. K. Pandey, P. K. Mishra and S. K. Pandey 2020. *Advances in Sugarcane Peeling Mechanisation. Int.J.Curr.Microbiol.App.Sci. 9(10): 1379-1387.*
102. Anshu Singh, Ankur Maji, Aurobinda Mohanty and Kaushik Ghosh “Copper-based catalysts derived from salen-type ligands: Synthesis of 5-substituted-1H-tetrazoles via [3+2] cycloaddition and propargylamines via A^3 -coupling reactions” *New J. Chem., 2020, 44, 18399-18418.*
103. Ankur Maji, Anshu Singh, Neetu Singh and Kaushik Ghosh “Efficient Organoruthenium Catalysts for α -Alkylation of Ketones and Amide with Alcohols: Synthesis of Quinolines via Hydrogen Borrowing Strategy and their Mechanistic Studies” *ChemCatChem* 2020, 12, 3108-3125
104. Ritika Yaduvanshi with Shashank Shekhar Tiwari et al. “A study on Proxy Re-Encryption Schemes”, *International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)*, Vol. 9(10), pp 132-135, ISSN 2319-5940, 2020
105. Ritika Yaduvanshi with Ritu Saini et al., “Lifetime Maximization of Heterogeneous WSN using Fuzzy-based Clustering”, *Recent Advances in Computer Science and Communications* (2020) 14(9), PP 3043-3057, 24 AUG 2021
106. Ankur Maji, Sweety Rathi, Anshu Singh, U. P. Singh and Kaushik Ghosh “Mononuclear iron(III) complexes derived from tridentate ligands containing non-innocent phenolato donors: Self-activated nuclease, protease and phenoxazinone synthase activity studies” *Appl. Organometal. Chem.*, 2021, 35, e6185.
107. Ovender Singh, Ankur Maji, Anshu Singh, Neetu Singh and Kaushik Ghosh, “A new family of complexes derived from bis(imino)pyridine-type ligand: Crystal structures and bio-molecular interaction studies” *Appl. Organometal. Chem.*, 2021, 35, e6177

108. Anshu Singh, Ankur Maji, Aurobinda Mohanty and Kaushik Ghosh, .“Design and synthesis of base-metal nickel(II) based catalysts: studies on nearly selective formation of 1-butene from ethylene”*J. Organomet. Chem.*, 2021, 934, 121631-121642.
109. A. D. Gupta, Ashish Gupta, P. K. Mishra, Yashi Gupta and R. K. Mehta 2021. Optimization of Inclination Angle of Cavity and Characteristics of Attached Fins on the Absorber for Performance Enhancement of Solar Collectors. *International Journal of Bio-resource and Stress Management* 12(3):216-221.
110. Patel B, Singh M, Mishra PK, Manes GS and Patel MK 2021. Efficacy of the prototype electrostatic nozzle for cotton crops. *African Entomology* 29(2): 471–478.
111. Mishra PK, Singh M, Mandal B, Singh D, Bector V and Patel B 2021. Computer Aided Design and Development of a Tractor Operated Cotton Header. *Agricultural Mechanization in Asia, Africa and Latin America (AMA)*, Vol. 52(3), Pp 24-34.
112. Mishra PK, Singh M, Manes G S, Mandal B, Patel B and Brar H S 2021. Development and Evaluation of a Tractor Operated Cotton Header. *Agricultural Mechanization in Asia, Africa and Latin America (AMA)*, Vol. 52(3), Pp 35-44.
113. Mehta R K, Dr. Singh H C, Singh R, Mishra PK, Pandey SK and Gupta A 2022. A Comparative Analysis of Pressure and Speed on Volumetric Efficiency and Discharge of the Reciprocating Pump. *International Advanced Research Journal in Science, Engineering and Technology*, Vol. 9(4), Pp 95-100.
114. Mehta R K, Dr. Singh H C, Singh R, Mishra PK, Pandey SK and Gupta A 2022. A Regression Analysis Model for Establishing Correlation Between Rainfall and Ground Waterlevel Fluctuations with Respect to Application Aspects. *International Advanced Research Journal in Science, Engineering and Technology*, Vol. 9(4), Pp 234-241
115. Rajat Kumar Mehta, Harish Chandra Singh, Ramjeet Singh, Pramod Kumar Mishra, S.K.Pandey, Ashish Gupta A Regression Analysis Model For Establishing Correlation Between Rainfall and Ground Water Level Fluctuations With Respect To Application Aspects. *International Advanced Research Journal in Science, Engineering & Technology*
116. Rajat Kumar Mehta, Harish Chandra Singh, Ramjeet Singh, Pramod Kumar Mishra, S.K.Pandey, Ashish Gupta A Comparative Analysis of Pressure & Speed on Volumetric Efficiency and Discharge of The Reciprocating Pump *International Advanced Research Journal in Science, Engineering & Technology*.
117. Rajat Kumar Mehta, Harish Chandra Singh, A.D. Gupta, Ashish Gupta, Yashi Gupta Hybrid solar thermal system utilization of photo-voltaic effect along with solar thermal conversion *International Journal of Multidisciplinary Research and Development*.

118. Ritika Yaduvanshi with Shivendu Mishra et al. (2021). ESS-IBAA: Efficient, short, and secure ID-based authentication algorithm for wireless sensor network. *International Journal of Communication Systems*. 34. 10.1002/dac.4764
119. Ritika yaduvanshi with Shashank Shekhar Tiwari et al. "A study on Proxy Re-Encryption Schemes", *International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)*, Vol. 9(10), pp 132-135, ISSN 2319-5940, 2020
120. Brijesh Kumar and R.N. Kewat. (2021) Quality parameters in linseed (*Linum usitatissimum* L.) varieties grown under sodic soil *International Journal of Chemical Studies*; 9(1): 3630-3633
121. Brijesh Kumar and R.N. Kewat (2021) Biochemical evaluation of Linseed (*Linum usitatissimum* L.) varieties grown under sodic soil *Journal of Pharmacognosy and Phytochemistry*; 10(2): 207-210
122. Vishwakarma Shivendra Kumar, R.P Singh, R. N. Keawt. R.K. Yadav, Alok Kumar Singh, N.R. Meena (2021) Biochemical changes of mango varieties associated with post harvest salicylic acid treatment and cardboard carton storage. *Agricultural Mechanization in Asia* ISSN:00845841 Issue-03(52):4457-4466.
123. Manendra Kumar, Pradip Kumar Saini, RK Yadav, Alok Kumar Singh, Sumant Pratap Singh, Brijesh Kumar and R.N. Kewat (2021) Effect of foliar application of different nutrients on biochemical changes of wheat (*Triticum aestivum* L.) under sodic soil. *International Journal of Chemical Studies*. 9(1): 3270-3272
124. Surya Bala Yadav, R.P. Singh, P.K. Singh and R.N. Kewat (2021) Nutritional evaluation of milky mushroom (*Calocybe indica*) grown on different substrates *The Pharma Innovation* 10(2):706-709.
125. Arvind Kumar Tripathi, S.K. Verma and O.P. Rao (2022). Agroforestry systems in selected villages of Milkipur block in Ayodhya district in Uttar Pradesh. *The Pharma Innovation Journal* 2022; SP-11(4): 1491-1496. 5.23
126. Yadav, P.; Ram, C.N.; Yadav, G.C.; Nath, S.; and Kumar, S. (2021). Studies on genetic variability, heritability and genetic advance in garden pea (*Pisum sativum* L. var. hortense). *The Pharma Innovation Journal* 10(7): 1146-1148 5.23
127. Gautam, S. K.; Ram, C. N.; Yadav, G.C. and Lal, M. (2021). Assessment of Correlation coefficients analysis in fenugreek (*Trigonella foenum-graecum* L.). *The Pharma Innovation Journal* 10(7): 1577-1581 5.23
128. Lal, M.; Ram, C.N.; Yadav, G.C. and Rao, O.P. (2021). Studies on heritability and genetic advance for the quantitative traits in Bottle gourd [*Lagenaria siceraria* L. (Moll.) Standl.]. *The Pharma Innovation Journal* 10(7): 1582-1584 5.23
129. Maurya, N. and Yadav, G. C. (2021). Estimates of heritability in narrow sense and genetic gain for different characters in tomato (*Solanum lycopersicum* L.). *The Pharma Innovation Journal* 10(7): 1088-1091 5.23
130. Maurya, N. and Yadav, G. C. (2021). Estimates of heritability for yield and its attributing traits in tomato (*Solanum lycopersicum* L.) crop. *The Pharma Innovation Journal* 10(7): 1124-1132 5.23
131. Kumar, J. and Yadav, G. C. (2021). Estimates of heritability for yield and its attributing traits in tomato (*Solanum lycopersicum* L.). *The Pharma Innovation Journal* 10(7): 1116-1123 5.23

132. Kumar, J. and Yadav, G. C. (2021). Appraisal of heritability in narrow sense and genetic advance in per cent of mean for different characters in tomato (*Solanum lycopersicum* L.). *The Pharma Innovation Journal* 10(7): 1084-1087
5.23
133. Tewari, D. and Yadav, G. C. (2021). Genetic diversity assessment in pumpkin for quantitative traits. *The Pharma Innovation Journal* SP10(11): 2566-2571
5.23
134. Tewari, D. and Yadav, G. C. (2021). Character association among the horticultural, yield traits and quality traits. *The Pharma Innovation Journal* SP10(11): 2576-2583
135. Rahul Pall, Ashok Kumar and Abhinav Kumar (2021) Effect of foliar feeding on chemical attributes of Ber (*Zizyphus mauritiana* L.) under Sodic Soil. *International Journal of Chemical Studies* 9(1): 1558-1560.
136. Chaudhary, Shivani and Singh H. K. (2021). In-vitro Evaluation of Different Botanicals Against *Alternaria alternata* Causing Alternaria Leaf Spot of Ber (*Zizyphus mauritiana* Lamk.). *International Journal of Economic Plant*, 8(1):040-044. 4.37
137. Chaudhary, Shivani, Singh H. K. and Verma, N. (2021). Evaluation of different fungicides against *Alternaria alternata* leaf spot of ber (*Zizyphus mauritiana* Lamk.) under in vitro condition. *Int.J.Curr.Microbiol.App.Sci* . 10(03): 1065-1070.
138. Kumar, Santosh and Singh, H.K. (2021). First report of *Myrothecium roridum* causing leaf spot on bael (*Aegle marmelos* Correa.) from India. *The Pharma Innovation Journal*. 10(3): 1010-1013. 5.23
139. Kumar, Santosh, Singh, H.K. and Kumar Sanjeev. (2021). First report of *Fusarium pallidroseum* (Cooke) Sacc. On bael (*Aegle marmelos* Correa.) causing leaf spot and die back in nursery. *Journal of Agri Research*, 8 (2): 108-111. *
140. Singh, H. K., Kumar, P. and Singh, S. K. (2021). Yield loss assessment due to *Alternaria* blight disease in rapeseed and mustard. *Journal of Agri Research*, 8 (3): 241-248.
141. Vishwakarma, Satya Prakash., Singh HK., Maurya, Manish Kumar., Yadav, Vikash Kumar., Kumar, Krishna., Gautam, Shyam Babu and Prashad, Rajendra. (2021). In vitro efficacy of fungicides against *Myrothecium roridum* causing leaf spot of bael. *The Pharma Innovation Journal* 10(8): 995-997. 5.23
142. Sneha Singh, Bhanu Pratap, Vimlesh Kumar, Atul Yadav, Dheeraj Yadav and Abhinav Kumar 2021. Assess the effect of integrated nutrient management on flowering and fruiting behavior of aonla cv. Francis. *International Journal of Chemical Studies*. 9(2): 390-393.
143. Sneha Singh, Bhanu Pratap, Vimlesh Kumar, Govind Vishwakarma, Atul Yadav, Dheeraj Yadav and Abhinav Kumar 2021 . Assess the effect of integrated nutrient management on vegetative growth and quality of aonla cv. Francis. *Int.J.Curr.Microbiol.App.Sci*. 10(02): 3340-3351.
144. Singh S, Khan NA, Singh SP, Singh H K and dwivedi, D. K. (2022). Varietal screening and molecular analysis against *alternaria* blight in Indian mustard genotypes. *Journal of AgriSearch*. 9(1): 79-87.
145. Maurya, M. K., Yadav, V. K., Singh, S. P., Jatoth, R. Singh, H.K. and Singh, D. (2022). Impact of Climate Change on Diseases of Crops and Their Management—A Review. *Journal of Agricultural Science and Technology*, 12: 1-15.

146. Singh, H.K., Kumar, Pradip and Singh, S.K. (2021). Yield Loss Assessment due to *Alternaria* Blight Disease in Rapeseed and Mustard. *Journal of Agri Search*, 8 (3): 241-248.
147. Rang Nath Pandey, CN Ram, Pradip Kumar and OP Rao (2021). Study on genetic variability in germplasm of coriander (*Coriandrum sativum* L.) *The Pharma Innovation Journal*; 10(8): 1476-1477. 5.23
148. Ramesh Rajbhar, CN Ram, Pradip Kumar, OP Rao and Shiva Nath (2021). Assessment of genetic variability, heritability and genetic advance in coriander (*Coriandrum sativum* L.). *The Pharma Innovation Journal*; 10(8): 1585-1586. 5.23
149. Mishra, R.S. (2022). *Alternaria* leaf spot of Aloe vera. *The Pharma Innovation Journal*, 11(2): 2159-2162 5.23
150. Mishra, R.S. (2021). Management of *Alternaria* leaf spot of Ashwagandha (*Withania somnifera* L) by organic products. *The Pharma Innovation Journal*, 10(10): 1270-1272 5.23
151. Mishra, R.S. (2021) Effects of fungicides and organics on bio-molecules of Ashwagandha roots in *Alternaria* leaf spot infected plants. *The Pharma Innovation Journal*: 10(9): 1714-1716 5.23
152. Chaubey, A.N. and Mishra, R.S. (2021). Alternations in Biochemical components in chilli (*Capsicum annum* L.) plants infected with chilli leaf curl viral disease. *Journal of Experimental Agriculture International*: 43(11):146-152. 4.89
153. Rajnish Kumar and Mishra, R.S. (2022) Identification of pathogen associated with leaf spot disease and its management. *IJAS* 4.58
154. Hassanzai, Rahmat Gul, Pratap, Bhanu, Shagiwal, Mujahid, Dowlatzai, Sharifullah and Marufi, Mohammad Nabi (2021). Studies on effect of bagging and foliar application of different chemicals on post-harvest quality of Mango fruits (*Mangifera indica* L.) cv. Amrapali. *The Pharma Innovation Journal*; 10(12): 1815-1817 5.23
155. Atul Yadav, Sanjay Pathak, Vimlesh Kumar, Pradip Kumar Saini, O.P. Rao, G.C. Yadav, R.K. Yadav (2021). Evaluation of Jackfruit genotypes for qualitative and yield traits under eastern Uttar Pradesh. *Multilogic in Science*. 10(36):1590-1595 5.20
156. Krishna Pratap Singh, Sanjay Pathak and Dr. Ravi Pratap Singh (2021) Effect of foliar application of plant growth regulators and micro-nutrient on physico-chemical characters of Ber (*Zizyphus mauritiana* Lamk.) *The Pharma Innovation Journal* 2021; 10(9): 235-237 5.23
157. Sachi Gupta and Sanjay Pathak (2021) Effect of on farm produced organic bio enhancers on yield and quality of tuberose (*Polianthes tuberosa* L.) cv. Mexican Single under sodic condition, *Progressive Horticulture* 53(1): 95-104 5.23
158. Prateek Kumar and CN Ram, (2021) Estimation of heterosis in bottle gourd (*Lagenaria siceraria* (Mol.) Standl.). *The Pharma Innovation Journal*, 10(7): 1044-1053. 5.23
159. Prateek Kumar, CN Ram and GC Yadav (2021) Study the general and specific combing ability in bottle gourd [*Lagenaria siceraria* (Mol.) Standl]. *The Pharma Innovation Journal* 10(8): 1400-1411 5.23
160. Satish Kumar Gautam, CN Ram, OP Rao and Shiva Nath, (2021) Appraisal studies on genetic variability, heritability and genetic advance in fenugreek

- (*Trigonella foenum-graecum* L.). *The Pharma Innovation Journal* 10(7): 1573-1576 5.23
161. Satish Kumar Gautam, CN Ram, GC Yadav and Mohit Lal (2021) Assessment of Correlation coefficients analysis in fenugreek (*Trigonella foenum-graecum* L.). *The Pharma Innovation Journal* 10(7): 1577-1581. 5.23
 162. Mohit Lal, CN Ram, GC Yadav and OP Rao (2021) Studies on heritability and genetic advance for the quantitative traits in Bottle gourd [*Lagenaria siceraria* L. (Moll.) Standl.]. *The Pharma Innovation Journal* 10(7): 1582-1584 5.23
 163. Mohit Lal, CN Ram, Shiva Nath and Satish Kumar Gautam (2021) Estimation of heterosis in Bottle gourd [*Lagenaria siceraria* (Mol.) Standl.] for growth and earliness. *The Pharma Innovation Journal* 10(7): 1585-1592 5.23
 164. Putan Yadav, CN Ram, GC Yadav, Shiva Nath and Sharvan Kumar, (2021) Studies on genetic variability, heritability and genetic advance in garden pea (*Pisum sativum* L. var. hortense). *The Pharma Innovation Journal* 10(7): 1146-1148 5.23
 165. Ramesh Rajbhar, CN Ram, Pradip Kumar, OP Rao and Shiva Nath (2021) Assessment of genetic variability, heritability and genetic advance in coriander (*Coriandrum sativum* L.). *The Pharma Innovation Journal* 10(8): 1585-1586 5.23
 166. Rang Nath Pandey, CN Ram, Pradip Kumar and OP Rao, (2021) Study on genetic variability in germplasm of coriander (*Coriandrum sativum* L.). *The Pharma Innovation Journal* 10(8): 1476-1477 5.23
 167. Gaurav Singh, CN Ram, Mayank Singh, Angad Singh and Arun Singh (2022) The Genetic divergence and cluster analysis in garlic (*Allium sativum* L.) using D2 statistics. *Pharma Innovation Journal* 11(1): 770773 5.23
 168. Anupam Dubey, CN Ram, Khursheed Alam, Rishabh Shukla and Vibhu Pande (2022) To study the genetic variability, heritability and genetic advance for agronomic traits of Bottle gourd [*Lagenaria siceraria* (Mol.) Standl.]. *The Pharma Innovation Journal* 11(3): 1362-1366 5.23
 169. Anupam Dubey, CN Ram, Rishabh Shukla, Khursheed Alam and Vibhu Pande (2022) Studies on correlation and path coefficient analysis among the yield and yield attributes traits in Bottle gourd [*Lagenaria siceraria* (Mol.) Standl.]. *The Pharma Innovation Journal* 11(3): 1367-1371 5.23
 170. Gaund, M., Ram, D., Rawat, A. S. and Kumar, A. (2022). Response of foliar application of micronutrients and plant growth regulator on Physiochemical attributes of guava (*Psidium guajava* L.) cv. Shweta and Lalit. *The Pharma Innovation Journal*. 11(2): 2809-2813 5.23
 171. Gaund, M., Ram, D., Rawat, A. S. and Kumar, A. (2022). Response of foliar application of micronutrients and plant growth regulator on yield and economic feasibility of guava (*Psidium guajava* L.) CV. Shweta and Lalit. *The Pharma Innovation Journal*. 11(3): 1752-1756. 5.23
 172. Yadav, D. and Ram, D. (2021). Response of nutrient combinations on fruit cracking and its attributes in different cultivars of bael [*Aegle marmelos* (L.) Correa]. *Journal of Pharmacognosy and Phytochemistry*. 10(2): 289-292. **
 173. Yashmita, U. and Singh, M. (2021). Bird composition, diversity and foraging guilds in agricultural landscapes: A case study from eastern Uttar Pradesh, India. *Journal of Threatened Taxa*, 13(8): 19011-19028. 5.64
 174. Yashmita, U. (2022). Bird diversity in riverscapes of Ayodhya district, Uttar Pradesh. *Indian Journal of Ecology*, 49(1): 280-287. 5.79

175. Verma S. K and Shubham Kannaujiya (2022). Paddy cum fish farming in India: An innovative approach to utilize water logged resources in sustainable way. *Int. J. Agri. Sc.*, 18(2), Jun, 2022.
176. Pal, J., C. V. Raju, G. Pandey, H. H. Tripathi and L. Prasad (2022). Effect of pomegranate and orange peel extract on the fish ham under frozen storage. *J. Environ. Biol.*, 43, 197-204.
177. Pal, J, Gayatri Pandey, Laxmi Prasad, C. V. Raju (2021) preparation of fish ham using low value fish by mixing red meat of tuna chunks and its quality attributes. *Agricultural Mechanization in Asia*. 51, (3), August 1723-1732.
178. Ravi Kumar, A. K. Jaiswar, Rama Sharma and Laxmi Prasad. (2020). Quantification of morphological variations among populations of *Channa gachua* (Hemilton, 1822) from different geographical locations in India. *Indian J. Fish.* 67(2): 114-119, 2020.
179. Dharmesh Tewari, and R. K. Jain (2022). Nutrient profile of unconventional feeds of Malwa region of Madhya Pradesh. *Indian J. Anim. Nutri.* 39 (1): 59-62
180. Dharmesh Tewari, V B Chaturvedi, L C Chaudhary, A K Verma and S K Chaudhary (2022). Effect of dietary supplementation of rice bran crude lecithin on nutrient metabolism, methanogenesis and metabolic profile of crossbred calves. (Accepted for publication in IJAS)
181. Vijay Kumar Singh, Nidhi Verma, Dharmesh Tewari, Sachin Gautam and Jadhav Akshay Waghambher (2021). Diversified nutritional approaches to mitigate green house gases (GHGs) emission through animal husbandry practices. Lead Paper In National Seminar and VIII Annual Convention of SVSBT held at Kumarganj, Ayodhya, 17-18 Dec, 2021
182. Sinha, V., Singh, A., Pal, V. K., Maurya, S. K., Singh, J. and Shekhar, C. (2021). *In-vivo* anthelmintic efficacy of powder formulation of *Embelia ribes* fruits and *Vernonia anthelmintica* seeds on ovine gastrointestinal nematodes. *Journal of Entomology and Zoology Studies*, 9(1): 1784-1786.
183. Shekhar, C., Joshi, N. and Singh, A. (2022). Status of physicochemical and microbiological quality of drinking-water and its public health significance. *International Journal of Livestock Research*, 12(2): 31-36. doi: 10.5455/ijlr.20220222022126
184. Shekhar, C. and Singh, A. (2021). Zoonotic importance of echinococcosis and strategies for its prevention and control. *International Journal of Livestock Research*, 11(7): 1-9. <https://dx.doi.org/10.5455/ijlr.20210311073107>

185. 1. R. P. Diwakar, Rajesh Kumar, Sanjay Kumar, Safayat Husain and Jitendra Kumar (2020). Prevalence of Sub clinical Mastitis in Large animals with antimicrobial study. *Haya: The Saudi journal of Life Science* (IF 0.66)
186. Himanshu Sharma^{1*}, Richa Mishra², Y.P. Grover¹, Mahavir Singh², Pankaj Kumar¹, Ojasvita¹, Anupama Deora³, Arvind Kumar¹, Ajit Singh¹ and R.P. Diwakar⁴ (2021). Cloning and sequence analysis of transferrin binding protein gene A of field and vaccine strains of *Pasteurella multocida* B: 2. *Indian Journal of Animal Research* (Naas rating: 6.40)
187. Vibha Yadav, Rajesh Kumar Joshi, Namita Joshi, Amit Kumar and Satyavart Singh (2021). Detection of Carbapenemase genes (*bla*-NDM, *bla*-KPC, *bla*-OXA-48) in *E. coli* and *Klebsiella* spp., isolated from milk samples of bovine in Eastern plain zone of Uttar Pradesh. *Indian Journal of Animal research*
188. Vibha Yadav, R.K. Joshi, Namita Joshi, Amit Kumar and Satyavart (2021). Status of multidrug resistance among ESBL producing *E. coli* and *Klebsiella* spp. isolates of Buffalo origin in Eastern Plain zone of Uttar Pradesh, *Haryana Veterinarian*, 60(2), 208-212.
189. Vibha Yadav, R. K. Joshi, Namita Joshi, Amit Kumar and Satyavart Singh and Debasish Niyogi (2021). Detection and molecular characterization of Extended-spectrum β -lactamase producing *E. coli* and *Klebsiella* spp. isolates of cattle origin in Eastern Plain Zone of Uttar Pradesh. *Indian Journal of Animal Research*.
190. V. K. Pal, A. Singh, H. K. Singh and K. Sethi, 2021 "Prevalence, relative risk factors and hemato-biochemical changes associated with equine trypanosomiasis in eastern plain zone of Uttar Pradesh", *Indian J Anim Health* (2021), 60(1): 49-57.
191. V. K. Pal, A. Singh, Rajneesh Kumar Verma, Kamlesh Kumar Yadav, Vishnu Pathak and K. K. Maurya, 2021. "Evaluation of anti trypanosomal drug efficacy against surra in equines of Eastern Uttar Pradesh", *Multilogic in*, Vol. XI, Issue XXXVIII, July, 2021.
192. Ajay Kumar, H.C. Verma, R.K. Singh, R.P. Diwakar, Rajesh Kumar, V.K. Pal and Mustak Ahmad, 2022. "Awareness Regarding Hygiene Management Practices Followed by Dairy Farmers in Sultanpur District of Uttar Pradesh", *Biological Forum-An International Journal*, 14 (2): 679-682, 2022.

193. Puja, Singh Sadhna, Singh Pratibha and Devi Ruma, Kumari Rima (2022). Development of Low-fat Fibre Enriched Paneer (Cottage Cheese) from Double Toned Milk. *Int .J. Agri. Sci.* Vol. 14. Issue-3: 11199-11201. NAAS Score: 4.58
194. Puja, Singh Sadhna, Singh Pratibha and Devi Ruma, Kumari Rima (2022). Effect of Different Coagulants on Sensory Properties of Low Fat Paneer Prepared from Double Toned Milk. . *Int .J. Agri. Sci.* Vol. 14. Issue-3: 11202-11204. NAAS Score: 4.58
195. Singh Kamya, Singh Sadhna (2021). Perception of Adolescents on Balanced Diet in Ayodhya. *Frontiers in Crop Improvement.* Vol. 9 Special Issue-I: 248-249. NAAS Score: 4.67
196. Singh Kamya and Singh Sadhna (2021). A Study on Impact of Time Spent in Watching Television Per Day on Food habits of Adolescents. *Frontiers in Crop Improvement.* Vol. 9 Special Issue-VI: 2485-2487. NAAS Score: 4.67
197. Singh, B., Kumar, R., Singh, S.V., Singh, N. (2022). Successful Management of a Rare Case of Dystocia in a Goat due to Vento-Lateral Abdominal Hernia of Gravid Uterus. *Ind J Vet Sci and Biotech.* 18(1), 122-124.
198. Singh, H.O., Singh, B. and Kumar, R. (2022). Biometry of morbid buck testicles and its correlation with epididymal semen quality. *The Haryana Veterinarian,* 61(SI): 5-8.
199. Ajay Kumar, H.C. Verma, R.K. Singh, R.P. Diwakar, Rajesh Kumar, V.K. Pal and Mustak Ahmad (2022). Awareness Regarding Hygiene Management Practices Followed by Dairy Farmers in Sultanpur District of Uttar Pradesh. *Biological Forum – An International Journal,* 14(2): 679-682.
200. S. S. Parikh, F. S. Kavani, K. H. Parmar, T. K. Patbandha, V. K. Singh, A. R. Ahlawat and Rajesh Kumar (2022). Diagnostic and Therapeutic Management of Subclinical Endometritis in Dairy Bovine: A Review. *Animal Reproduction Update,* 2(2), 1-11.
201. M.K. Shukla and Rajesh Kumar (2022). Addressing stray animal population through alteration of sex ratio. *Animal reproduction Update,* 2(2), 12-18.
202. Shikha Shahi, R. K. Yadav, S.P. Kushwaha, Mayanker Singh, Prabhat Singh (2022). Effect of plant growth regulators on biochemical studies of Mustard [Brassica juncea (L.) Czern and Coss.] under sodic soil. *International Journal of Plants and Soil Science.* 34(19): 280-286.
203. Nandan singh, Neeraj Kumar, Atik Ahamad, H.C. Singh, Vishuddha Nand and Ankita Rao (2021) Effect of foliar application of macro and micro nutrient on yield and economics of rice (*Oryza sativa* L.) *The pharma innovation Journal* 2021 ;10(6)1298-1300
204. Nandan singh, Neeraj Kumar, Kumar Anshuman, Sudhakar Singh and Sandeep Yadav (2021) Effect of foliar application of macro and micro nutrient on yield

and economics of rice (*Oryza sativa* L.) The pharma innovation Journal 2021 ;10(9) 1356-1359

205. Sandeep Kumar Diwaker, Neeraj Kumar, Dhar Veer, Deepak Kumar, Chandra Shekhar, Navneet Kumar and Vishuddha Nand (2021) effect of integrated nutrient management and mulching practices on growth attributes and yield of Mustard (*Brassica juncea* L.) The pharma innovation journal 2021; 10 (8) : 931-934.
206. Sandeep Kumar Diwaker, Neeraj Kumar, Suresh Kumar, Deepak Kumar, Chandra shekhar, Navneet Kumar and Saurbh Kumar Verma (2021); Effect of integrated nutrient management and mulching practices on yield and economic of mustard (*Brassica juncea* L.), The pharma innovation journal 2021; 10 (8) : 928- 930.
207. Amit Kumar, Rajesh Kumar, Vishuddha Nand, R. K. Doharey, Neeraj Kumar, Mahendra pratap singh and Pradeep Kumar Kanaujiya (2021); Impact of biofertilizers and weed management practices on growth and quality characters of Chickpea (*Cicer arietinum* L.) The pharma innovation journal 2021; 10 (8): 1001- 1004.
208. Yadav, D. K., Singh, S.V., Ramakant, Singh, J. P. Gupta, R. K., Maurya, S.K. and Niyogi, D. (2021). Ethno-veterinary practices of goat farmers in different districts of Vindhyan Zone of Uttar Pradesh. *Journal of Pharmacognosy and Phytochemistry*; **10(1)**: 2858-2862.
209. Yadav, D. K., Singh, S.V., Singh, J. P.; Ramakant; Gupta, R. K., Maurya, S.K. and Niyogi, D. (2021). Epidemiology of Gastrointestinal parasites of goats in Vindhyan Zone of Uttar Pradesh. *J. Exp. Zool. India*; **25**: 63-67.
210. Singh, S.V., Singh, J. P.; Gupta, R. K.; Niyogi, D.; Jaiswal, S.; Ramakant; Yadav, D. K. and Maurya, S.K. (2021). Propaedeutics of Traumatic Pericarditis in buffaloes. *Rumi. Sci*; **10(1)**: 215-218. plain zone (UP-9) of middle Gangetic plains. *Ind. J. Vet. Med.* **37(1&2)**: 61-63
211. Dr. Rajat Kumar Mehta, Dr. Harishchandra Singh, Er. Ramjeet Singh, Dr. Pramod Kumar Mishra, Dr. S.K. Pandey, Er. Ashish Gupta (2022) A Comparative analysis of pressure and speed on volumetric efficiency and discharge of the reciprocating pump” in the “International Advanced Research Journal in Science, Engineering and Technology”. Vol. 9, Issue 4, pp 95-100
212. Dr. Rajat Kumar Mehta, Dr. Harish Chandra Singh, Er. Ramjeet Singh, Dr. Pramod Kumar Mishra, Dr. S.K. Pandey, Er. Ashish Gupta (2022) A Regression Analysis Model for Establishing Correlation between Rainfall and Ground Water Level Fluctuations with respect to Application Aspects International Advanced Research Journal in Science, Engineering and Technology, Vol. 9, Issue 4.
213. Piyusha Singh, Akanksha Tiwari, Vimlesh Kumar and Alok Kumar Singh 2022. “Genetics and Epigenetics- Role in development of Climate resilient crops” The Pharma Innovation Journal TPI-11(3): 1957-1960. NAAS Rating – 5.23.

214. Singh, Y., Gangwar A.K., Khangembam, S.D., Yadav, V.K., Goyal R.P., Ahmad, P, Kumar, R., Kumar, R. and Verma, R.K. (2021). Modified intravenous regional anaesthesia for Management of claw diseases in buffalo. *Buffalo Bulletin*, 40(4): 571-581. Yadav, V.K., Gangwar A.K., Khangembam, S.D., Goyal R.P. and Kumar R. (2021). Development of novel intravenous regional anaesthetic technique for desensitization of hoof in cattle. *Indian Journal of Animal Sciences*, 91(4): 280–284.

215.