ANNEXURE-VI
Research Papers published

Type	Number
International	62
National	102

(i) International Journal

1. Rathod P. K., Gohil D. P., Karmata Riddhi S. and Dudhatra K. N. (2024). Appraisal of genetic parameters and character association for fodder yield and its related characteristics in fodder cowpea [*Vigna unguiculata* (L.) Walp.]. ***International Journal of Statistics and Applied Mathematics***, 9(1): 121-126.
2. Lakshman, Raval C.H., Patel H.K., Yadav S., Birla D., Choudhary P. and Choudhary M. (2023). Integrated nutrient management on semi rabi green gram. ***International Journal of Plant & Soil Science***, 35(18):1511-1519.
3. Chauhan Z.Y., Shah S.N. and Patel H.K. (2023). Combine effects of inorganic and organic nutrient sources on maize–sesame cropping sequence of middle Gujarat. ***Agronomy Journal***, 115(5):2646-2654.
4. Badi A.R., Patel H.K., Patel K.C., Patel P.M., Raval C.H. and Chavda C.P. (2023). Micronutrients enriched organic manure and biofertilizer as influenced on multi-cut fodder oat [*Avena sativa* (L.)]. ***Emergent life Science Research***, 9(1):120-130.
5. Patel H.K. Rathod P.H and Gohil D.P. (2023). Performance of marvel grass varieties under different levels of nitrogen in irrigated condition of the middle Gujarat agroclimatic zone of Gujarat. ***Agriculture Association of Textile Chemical and Critical Reviews Journal***,11(4): 72-75.
6. Patel H.K, Patel H.K., Rathod P.H., Raval C.H. and Dudhat D.H. (2023). Effect of seed priming on fodder yield of Maize. ***International Journal of Plant & Soil Science***, 35(25):41-48.
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8. Litoriya, N. S., Vaghela, K. M., Patel, M. R., Parmar, K. D., Chauhan, N. R., Kalasariya, R. L., Chawla, S., and Shah, P. G. (2023). Method validation, dissipation and residue status of fluopicolide and fosetyl-aluminium in citrus using a rapid extraction method coupled with ultra-performance liquid chromatography–tandem mass spectrometry. ***Biomedical Chromatography***, e5703. https://doi. org/10.1002/bmc.5703
9. Chawla, S., Parmar, K. D., Litoriya, N. S., Kalasariya, R. L., Gor, H. N., Patel, H. K., Upadhyay, P. P., Shah, P. G., Prabhu, S. T. and Ramegowda, G. K. (2023). Dissipation, risk assessment of afidopyropen residues in/on brinjal (*Solanum melongena* L.) and cotton (*Gossypium* spp.). ***Pesticide Research Journal,*** 35(2), 142-148. doi:10.5958/2249-524X.2023.00023.7
10. Barad, B. D., Parmar, K. D., Thorat, S. S., Litoriya, N. S. and Chawla, S. (2023). Method validation, household cooking effect on pesticide residues, and evaluation of processing factors in rice. ***Journal of Stored Products Research,*** 104, 102191. https://doi.org/10.1016/j.jspr.2023.102191

11. Parmar, K. D., Litoriya, N. S., Patel, J. H., Shah, P. G., Chawla, S., and Kalasariya, R. L. (2023). Dissipation kinetics of fluopyram and trifloxystrobin following application of combination product in/on chilli and its consumer risk assessment. ***Pesticide Research Journal***, 35(1), 8-16.
12. Litoriya, N. S., Chauhan, N. R., Kalasariya, R. L., Parmar, K. D., Chawla, S., Parmar, A. V., Raj, P. V. and Shah, P. G. (2023). Dissipation kinetics of co-formulation with two herbicides, clodinafop-propargyl and oxyfluorfen, in/on onion (*Allium cepa*) samples. ***Environmental Science and Pollution Research,*** 30(17):50225-50233.
13. Litoriya, N. S., Patel, J. H., Thakor, P. M., Chauhan, N. R., Chawla, S., and Shah, P. G. (2023). Behavior of trifloxystrobin and propineb as combi-product in tomato (*Solanum lycopersicum*) and their risk assessment for human health. ***Biomedical Chromatography,*** e5660. doi: 10.1002/bmc.5660.
14. Patel P B., Shah S. N., Patel H. K. and Patel T. D. (2022). Effect of Integrated Nitrogen Management Treatments on Growth Yield and Economics of Soybean [*Glycine max* (L.) Merrill]. ***International Journal of Plant & Soil Science,***34(21): 202-210.
15. Solanki S.K., Patel H. K., Raval C. H. and Patel H. K. (2022). Response of Integrated Nutrient Management on Irrigated Wheat. ***International Journal of Plant & Soil Science***, 34(22): 55-60.
16. Nagar Kuldeep, Patel H. K., Raval C. H., Badi A. R., Lakshman and N. Chaudhary (2022). Response of FYM and split application of Nitrogen on growth and yield of fodder maize (*Zea mays* L.). ***International Journal of Plant & Soil Science***, 34(23): 245-253.
17. Shiyal V., Patel V. M., Patel, H. K., Rathwa M. and Patel P. M. (2022). Biochar: an emerging soil amendment for sustaining soil health and black gold for indian agriculture. ***Journal of Experimental Agriculture International***, 44(12): 6-12.
18. Borkhatariya T. H., Gohil D. P., Sondarava P. M., Patel Rumit and Akbari K. M. (2022). Character Association and Path coefficient Analysis among Diverse Genotypes of Forage Maize (*Zea mays* L.). ***An International Journal - Biological Forum,*** 14(3): 829-833.
19. Parmar Sumitkumar V., Gohil D. P., Suvatar V. K. and Borkhatariya T. H. (2022). Genetic Variability, Correlation and Path Analysis in Forage Bajra [*Pennisetum glaucum* (L.) R. Br.]. ***An International Journal - Biological Forum***, 14(4): 248-252.
20. Tripathy, V., Sharma, K. K., Mohapatra, S., Siddamallaiah, L., Nagapooja Y. M., Patil, C. S., Saindane, Y. S., Deore, B., Rao, C. S., Parmar, K. D., Litoriya, N. S., Shah P. G. and Sharma K. (2022). Persistence evaluation of fluopyram + tebuconazole residues on mango and pomegranate and their risk assessment. ***Environmental Science and Pollution Research,*** 29: 33180–33190.
21. Kalasariya, R. L., Chauhan, N. R., Parmar, K. D., Litoriya, N. S., Chawla, S., Raj, P. V., Solanki, P. P. and, Shah, P. G. (2022). Dissipation and risk assessment of Solomon (300 OD), a combination product of beta-cyfluthrin and imidacloprid in lemon and onion samples. ***International Journal of Environmental Analytical Chemistry***, DOI: 10.1080/03067319. 2022.2060746.
22. Shah, P. G., Parmar, K. D., Litoriya, N. S., Kalasariya, R. L., Vaghela, K. M., Patel, J. H. and Chawla, S. (2022). Analytical method development, validation and study on behavior of ipfencarbazone in paddy (rice). ***Environmental Science and Pollution Research,*** 30(7): 18810-18819.

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27. Patel H. K., Rathod P. H., Gohil D. P., Padheriya D. and Raiyani A. M. (2021). Response of nitrogen levels on growth, yield and quality of single cut oat cultivars. ***International Journal of Agriculture Sciences***, 13 (4): 10748-10750.
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29. Patel H. K., Rathod P. H. and Padheriya D. R. (2021). Effect of nitrogen levels on forage yield and quality of multi cuts oat cultivars. ***Journal of Plant & Soil Science***, 33(21): 9-13.
30. Sidapara Mayank P., Gohil D. P., Patel Oarthik U. and Sharma Deepak D. (2021). Heterosis studies for yield and yield components in okra [*Abelmoschus esculentus* (L.) Moench]. ***Journal of Pharmacognosy and Phytochemistry,*** 10(1): 1268-1275.
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45. Chaudhari G. B., Parmar D. K., Parmar R. S., Patel H. K. and Dabhi B. K**.** (2018). Mathematical modelling on rainfall and groundnut productivity in Bhavnagar district of Gujarat. ***International Journal of Agriculture Sciences*,** 10(11): 6198-6199.
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(ii) National Journals

1. Gamit, N. S., Litoriya, N. S., Thounaojam, A. S., and Patel, P. K. (2023). Biochemical composition, oil profiling and elemental analysis of different cumin (*Cuminum cyminum*) genotypes. ***Journal of Spices and Aromatic Crops,*** 32(1), 34-48. 10.25081/josac.2023.v32.i1.8033
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3. Patel H. K., Rathod P. H., Shroff J. C. and Patel P. M. (2021). Green fodder yield and quality of fodder maize as influenced by seed priming. ***Green Farming*****,** 12 (1&2): 46-48.
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5. Chaudhary N. N., Patel R. A. and Patel H. K. (2020). Effect of nitrogen, phosphorus and sulphur on growth and yield of Rajma (L.). ***Green farming*****,** 11(2&3): 156-161.
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14. Patel P. M., Patel M. R., Shroff J. C. and Parmar H. P. (2016). Effect of multi-micronutrients mixture grades on seed yield of Lucerne (cv. Anand-2). ***Green Farming***, 7(1): 191-193.
15. Nanavati J. I., Parmar H. P. and Bhatt J. P. (2016). Heterosis response for green fodder yield and its quality traits in forage maize (*Zea mays* L.). ***Electronic Journal of Plant Breeding*****,** 7(1): 184-188.

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21. Deore, S.M., Patel, M.R. Patel, P.M., Patel, H.K. and Patel, U.J. (2013). Production potential of forage maize (*Zea mays* L.) - cowpea (*Vigna unguiculata* L.) intercropping system as influenced by row ratios. **Advance *Resrarch Journal of Crop Improvement.,*** 4(2): 110-112.
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