

## LIST OF PUBLICATION OF YEAR (2020-21 to 2022-23)

| Research papers published in National & International journal |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                                                            | Dobariya H.B., Javia R.M., Sharma L.K., Mavani S.V., Umretiya N.K., Kanzariya J.B. and Singh S.P. (2021). Character Association and Path Analysis in Desi Chickpea ( <i>Cicer arietinum</i> L.) Genotypes for Yield and Traits Related to Mechanical Harvesting. <i>Progressive Research: An International Journal</i> . 16(2): 91-95.                                                                                                     |
| 2.                                                            | Solanki S.M., and Sharma, L.K., Kulkarni, G.U., Javia R.M., and Singh S.P. (2021). Characterization of Chickpea Genotypes ( <i>Cicer arietinum</i> L.) through Morphological Characters, Chemical Tests and Quality Parameters. <i>Frontiers in Crop Improvement</i> , 9: 38-43.                                                                                                                                                           |
| 3.                                                            | Dobariya H.B., Javia R.M., Sharma L.K., Mavani S.V., Umretiya N.K., Kanzariya J.B. and Singh S.P. (2021). Character Association and Path Analysis in Desi Chickpea ( <i>Cicer arietinum</i> L.) Genotypes for Yield and Traits Related to Mechanical Harvesting. <i>Progressive Research: An International Journal</i> . 16(2): 91-95.                                                                                                     |
| 4.                                                            | Parmar, V. L., Sharma, L. K., Mori, R. B., Javia, R. M., and Divakara C. S. (2021). Grouping of Kabuli Chickpea ( <i>Cicer arietinum</i> L.) Genotypes Based on Quality Seed Parameters and Chemical Tests. <i>Frontiers in Crop Improvement</i> , 9: 2957-2966.                                                                                                                                                                           |
| 5.                                                            | Parmar J.G., Javia R.M., Sharma L.K., Vala J.P., Nayee S.J. and Singh S.P. (2021). Character Association and Path Coefficient Analysis in Blackgram [ <i>Vigna mungo</i> (L.) Hepper] during Summer Season. <i>Progressive Research: An International Journal</i> Vol 16(2): 115-119.                                                                                                                                                      |
| 6.                                                            | Singh M. K., Roorkiwal M., Rathore A., Soren K. R., Pithia M. S., Yasin M., Barpete S., Singh S., Barmukh R., Das R. R., Gangwar P., Chetariya C. P., Joshi P., Chaturvedi S.K., Javia R. M., Ramani V.V., Hamwieh A., Kumar S., Bharadwaj C., Singh N.P. and Varshney R. K. (2022). Evaluation of global composite collection reveals agronomically superior germplasm accessions for chickpea improvement. <i>Agronomy</i> , 12 (9):1-30 |
| 7.                                                            | C K Kumawat, G.U. Kulkarni, R.S. Tomar , B.A. Monapara , A.G. Pansuriya and L.K. Sharma (2022). Per Se Performance of Brinjal ( <i>Solanum melongena</i> L.) Hybrids for Fruit Yield and its component Traits under Normal and Organic Environments. <i>Biological Forum – An International Journal</i> 14(4): 441-448                                                                                                                     |
| 8.                                                            | C. K. Kumawat, G. U. Kulkarni, L. K. Sharma and Suchitra (2023). Phenotypic Stability Analysis in Brinjal Over Environments. <i>International Journal of Bio-resource and Stress Management</i> 14(5):709-718.                                                                                                                                                                                                                             |
| 9.                                                            | R. N. Chaudhari, J. B. Patel and V. B. Paradva (2020). Farmer's attitude toward use of smart phone for agricultural profession. <i>Gujarat Journal of Extension Education</i> , 31(1): 114-117.                                                                                                                                                                                                                                            |
| 10.                                                           | Solanki S.M., and Sharma, L.K., Kulkarni, G.U., Javia R.M., and Singh S.P. (2021). Characterization of Chickpea Genotypes ( <i>Cicer arietinum</i> L.) through Morphological Characters, Chemical Tests and Quality Parameters. <i>Frontiers in Crop Improvement</i> , 9: 38-43.                                                                                                                                                           |
| 11.                                                           | Mori, R.B., Sharma, L.K., Kulkarni, G.U., Javia, R.M., Bhoot, H.V., Divakara, C.S. and Singh S.P. (2021). Characterization of Kabuli Chickpea ( <i>Cicer arietinum</i> L.) Genotypes through Plant Morphological Characters. <i>Frontiers in Crop Improvement</i> , 9(2): 141-151                                                                                                                                                          |
| 12.                                                           | K. Ujwala, L.K. Sharma, G.U. Kulkarni, S. Jeannie and K.P. Deepthi (2021). Estimation of Selection Indices in Desi Chickpea ( <i>Cicer arietinum</i> L.). <i>Frontiers in Crop Improvement</i> , 9: 2949-2952 (Special Issue-VII).                                                                                                                                                                                                         |

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| 13. | V.L. Parmar, L.K. Sharma, R.B. Mori, R.M. Javia and C.S. Divakara (2021). Grouping of kabuli chickpea ( <i>Cicer arietinum</i> L.) genotypes based on quality seed parameters and chemical tests. <i>Frontiers in Crop Improvement</i> , 9: 2957-2966 (Special Issue-VII).                        |
| 14. | B. Acharya, G.U. Kulkarni, L.K. Sharma and A.G. Pansuriya (2021). Estimation of heterosis by understanding genetic architecture for grain yield and its attributing traits using in Bread Wheat ( <i>Triticum aestivum</i> L.). <i>Frontiers in Crop Improvement</i> , 9: 1248-1253.              |
| 15. | Patel Dipika P, Kulkarni G.U., Sharma L.K., Meta H.R. and S.P. Singh (2021). Assessment of genetic diversity in Bread Wheat ( <i>Triticum aestivum</i> L.) genotypes. <i>Frontiers in Crop Improvement</i> , 9(2): 112-115.                                                                       |
| 16. | V. B. Paradva, M. R. Patel and P. C. Patel (2021). Knowledge of the green gram growers towards recommended green gram production technology. <i>Gujarat Journal of Extension Education</i> , 32(1): 158-161.                                                                                      |
| 17. | Dobariya, H.B., Javia R.M., Sharma, L.K., Sorathiya, H.P., Dudhat, H.A., Virani, A. D., Gajera, S.S. and Singh, S.P. (2022). Genetic Diversity Studies in Desi Chickpea ( <i>Cicer arietinum</i> L.) Genotypes Suitable for Machine Harvest. <i>Frontiers in Crop Improvement</i> , 10 (1): 36-39 |
| 18. | J Khaniya, GU Kulkarni, BA Monpara, DR Mehta, LK Sharma and RS Tomar (2022). Narrow-sense heritability and genetic advance for seed yield and yield attributing traits in medium duration pigeonpea [ <i>Cajanus cajan</i> (L.) Mill sp.]. <i>The Pharma Innovation Journal</i> 11(9): 413-417    |
| 19. | Sharma, L.K., Kulkarni, G. U., Javia R.M., Monpara B. A., Paradva V.B. and Singh S.P. (2023). Seed priming in Chickpea ( <i>Cicer arietinum</i> L.)- A Review. <i>Frontiers in Crop Improvement</i> , 11 (1): 1-8                                                                                 |
| 20. | Durga Prasad K., Javia R.M., Sharma, L.K. and Singh, S.P. (2023). Genetic Diversity in Chickpea ( <i>Cicer arietinum</i> L.) Genotypes Amenable to Mechanical Harvesting. <i>Frontiers in Crop Improvement</i> , 11 (2): 128-131                                                                  |
| 21. | Kamani, J. V., Sharma, L. K., Kulkarni, G. U., Javia, R. M., Kandolia, U. K. and Singh, S. P. (2023) Characterization of Mungbean ( <i>Vigna radiata</i> (L.) Wilczek) Genotypes through Chemical Tests and Seed Quality Parameters. <i>Frontiers in Crop Improvement</i> , 11(2): 78-85          |
| 22. | Kamani, J. V., Sharma, L. K., Kulkarni, G. U., Javia, R. M. and Kandolia, U. K. (2023) Characterization of Mungbean ( <i>Vigna radiata</i> (L.) Wilczek) Genotypes through Plant Morphological Characters. <i>Frontiers in Crop Improvement</i> , 11(2): 288-295                                  |
| 23. | A.B. Gorasiya, G.U. Kulkarni and L.K. Sharma (2023). Character association and path coefficient analysis for seed yield and yield contributing traits in sesame ( <i>Sesamum indicum</i> L.). <i>Frontiers in Crop Improvement</i> , 11: 262-266 (Special Issue-I).                               |
| 24. | Prasanna Lakshmi, G.V., Sharma, L. K., Kulkarni, G. U., Javia, R. M., RamyaVardhini T. and Sri Manasa, S. (2024) Multivariate Analysis for Study of Genetic Divergence in Mungbean [ <i>Vigna radiata</i> (L.) R. Wilczek] Genotypes, <i>Frontiers in Crop Improvement</i> , 12 (2): 669-673.     |
| 25. | Shobha S. G., Sharma, L. K., Kulkarni, G. U. and Javia, R. M (2024) Genetic Variability, Association Studies and Path Analysis for Yield and Yield Attributing Traits in Chickpea ( <i>Cicerarietinum</i> L.) Genotypes, <i>Frontiers in Crop Improvement</i> , 12 (2): 710-716                   |
| 26. | Shobha S. G., Sharma, L. K., Kulkarni, G. U. and Javia, R. M (2024) Multivariate Analysis for Genetic Diversity Studies in Chickpea ( <i>Cicer arietinum</i> L.) Genotypes, <i>Frontiers in Crop Improvement</i> , 12 (2): 717-720                                                                |

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|     | N. Narsimha Rao, Javia, R. M and Sharma, L. K. (2025) Selection Indices for Seed Yield in Greengram ( <i>Vigna radiata</i> (L.) R. Wilczek) during Kharif Season, Progressive Research : An International Journal, 20 (1): 67-69                                                                                                                                                                                                                                                                                                                  |
| 27. | N. Narsimha Rao, Javia, R. M and Sharma, L. K. (2025) Character Association and Path Analysis for Seed Yield and its Component Characters in Greengram [ <i>Vigna radiata</i> (L.) R. Wilczek], Progressive Research : An International Journal, 20 (1): 70-73                                                                                                                                                                                                                                                                                    |
| 28. | Javia, R. M, Sharma, L. K. and Paradva, V. V. (2025) Gujarat Gram 8: A Chickpea Variety High Yielding and Suitable for Machine Harvest, Frontiers in Crop Improvement, 13 (2): 105-108                                                                                                                                                                                                                                                                                                                                                            |
| 29. | Sharma, L. K., Kulkarni, G. U., Javia, R. M and Singh, S.P. (2025) Association Studies and Phenotypic Path Analysis for Yield and Yield Attributing Traits in F3 Generation of Pigeonpea [ <i>Cajanus cajan</i> (L.) Millsp.], Frontiers in Crop Improvement, 13 (2): 161-166 (NAAS: 4.20; 2024; ISSN 2393-8234)                                                                                                                                                                                                                                  |
| 30. | Narendra Kumar, C.P. Nath, K.K. Hazra, Shailesh Tripathi, G.P. Dixit, Kamal Tiwari ,Guriqbal Singh, Harpreet Kaur Virk, K.C. Gupta, Dasharath Prasad, Brij Nandan ,Sunil Kumar, N. Anando Singh, Md. Hedayetullah, P.A. Pagar, D.K. Patil, G.P. Banjara,R.P. Singh, Satya Narayan Meena, S.R. Vasava, D.H. Patil (2025) Assessing post-emergence herbicides in chickpea ( <i>Cicer arietinum</i> L.) for economic benefits, yield response, and weed control under different mega-environments in India., Field Crops Research 333 (2025) 110113. |