Papers Published in Journals (March 2021 to November 2025)

Sr. No.	Details of Publication	NAAS Rating
	2021-22	
1	Bhorania Nirali, C., Savalia, S.G. and Sakarvadia, H.L. (2021). Soil salinity Patten along the distance gradient in coastal region soils of southern Saurashtra of Gujarat. *The Pharma Innovation Journal,* 10(08): 1753-1759.	5.23
2	Sakarvadia, H.L., Vekaria, L.C., Ponkia, H.P., Jadeja, A.S. and Parakhia, D.V. (2021). Soil Test Based Fertilizers Application for Targeted Yield of Soybean (*Glycin max* L.) in Saurashtra Region of Gujarat. *Agricultural Science Digest*. 41(3): 464-467.	4.75
3	Kotadiya, P. B., Hirpara, D. S., Vekaria, L. C., Kanjiya, H. N. (2021). Response of summer groundnut (*Arachis hypogaea* L.) to irrigation level and anti-transpirant on quality, soil parameters and economics. *Pharma Innovation*, 10(10):315-317.	5.23
4	Asodariya, S.R., Rajani, A.V., Jadeja, A.S., Vora, T.V. and Hirpara, D.V. (2021). Effect of different levels of potassium and zinc application on growth and yield attributes of Biofortified pearl millet [*Pennisetum glaucum* (L.) R. Br.] under medium black calcareous soils of south Saurashtra region of Gujarat. *The Pharma Innovation Journal,* 10(10): 2554-2556	5.23
5	Muchhadiya, R.M., Thanki, R.B., Sakarvadia, H.L. and Muchhadiya P.M. (2021). Effect of NPK levels and city compost on soil chemical and biological properties, yield and quality of wheat (*Triticum aestivum* L.) under system of wheat intensification (SWI).*The Pharma Innovation Journal,*10(11): 1230-1235.	5.23
6	Muchhadiya, R.M., Thanki, R.B., Sakarvadia, H.L. and Muchhadiya P.M. (2021). Effect of NPK levels along with city compost on growth, yield and economics of wheat (*Triticum aestivum* L.) under system of wheat intensification (SWI)**.** *The Pharma Innovation Journal,*10(11): 1254-1259.	5.23
	2022-23	
7	Chauhan, K. J. Sakarvadia, H. L. Solanki, D. M. and Patel, D. M. (2022). Effect of silicon and organic manures on yield and quality of wheat. *The Pharma Innovation Journal,* 11(8): 1315-1318.	5.23
8	Bhorania Nirali C., Savalia, S. G., Sakarvadia, H. L. and Kiran Yadav (2022). Nutrients pattern a long-distance gradient in coastal region soils of southern Saurashtra of Gujarat. *The Pharma Innovation Journal,* 11(7): 2431-2435.	5.23
9	Asodariya, K. B. Sakarvadia, H. L. Vekaria, L. C. Ponkia, H. P. and Rathod, R. K. (2022). Nutrient status of soil, yield and nutrient content of onion (*Allium cepa* L.) as influenced by foliar application of various fertilizers. *The Pharma Innovation Journal,* 11(7): 3171-3175.	5.23
10	Sejpal Priyank, J., Sakarvadia, H. L. Shruti Gaur and Ganvit Khushbu (2022).	5.23

	Sulphur status and their fractions in the soils of South Saurashtra Agro-climatic zone. *The Pharma Innovation Journal*, 11(9) 398-401.	
11	Kiran Yadav and Parmar K. B. (2021). Assessment of Available Macro and Micronutrients Status in Coastal Soils along the Distance Gradient from Coastal Line of Northern Saurashtra Region of Gujarat. *The Pharma Innovation Journal* SP-10(10): 1149-1162	5.23
12	Kiran Yadav, Parmar K. B. and Bhoraniya Nirali 2022. Effect of Salinity/Sodicity on Soil Fertility Status of Northern Saurashtra Coastal Region of Gujarat. *Biological Forum An international Journal.* 14(2)	
13	Chaurya Jagrutiben R., A.V. Rajani, L.C. Vakaria (2022). Consequence of long-term balance nutrient management on soil phosphorus dynamics in a calcareous clay under AICRP-LTFE soils. *The pharma Innovation Journal*. SP-11(9): 2696-2701	5.23
14	Asodariya S.R., Rajani A.V., Jadeja A.S., Vora T.V. and Hirpara D.V. (2022). Effect of different levels of potassium and zinc application on growth and yield attributes of Biofortified pearl millet [Pennisetum glaucum (L.) R. Br.] under medium black calcareous soils of south Saurashtra region of Gujarat. *The Pharma Innovation Journal.* 10(10): 2554-2556	5.23
15	Bhuriya, K. P., Nagar, V. L., Kumawat, P. D and Bamaniya, V. P. (2022). Effect of integrated nutrients management on yield and quality of forage sorghum. *The Pharma Innovation Journal*, 11(10): 1443-1446.	5.23
16	Damor, V. G., Bhuriya, K. P., Nagar, V. L and Kumawat, P. D. (2022). Effect of Herbicides Applied with and without Manures on Physical Soil Properties of Summer Pearl Millet. *International Journal of Current Microbiology and Applied Sciences*, 11(06): 177-181.	5.38
17	Bhuriya, K. P., Nagar, V. L., Bamaniya, V. P and Pargi, K. L. (2022). Effect of Integrated Nutrients Management on Nutrients Content and Uptake of Forage Sorghum. *International Journal of Plant & Soil Science*, 34(23): 1457-1461.	5.23
18	Chavada B.N., Savalia S.G., Mathukia K.K. and Shitap M.S. (2022). The impact of long-term manure and balanced fertilization on yield and yield attributes of groundnut, wheat and sorghum on Vertic Haplustepts under groundnut-wheat-sorghum cropping system. *The Pharma Innovation Journal*, 11(8): 738-741.	5.23
19	Mohanla Pensiya, Parmar K.M., Detroja S.C. and Vikani R.M. (2022). Efficacy of new molecules of inseticides against aphid (*Aphis gossppi klover*) in summer sesame. *Insect Environment*, 25(2): 238-244.	#
20	Viroja P.B., Vekaria L.C. and Solanki K. H. (2022). Effect of silicon on growth, yield and yield attributes of wheat (Triticum aestivum L.) under simulated soil salinity. *The Pharma Innovation Journal,* 11(4): 821-824.	5.23
21	Sakarvadia, H.L., Vekaria, L.C., Ponkia, H.P., Jadeja, A.S. and Parakhia, D.V. (2022). Soil Test Based Fertilizers Application for Targeted Yield of Soybean (Glycin max L.) in Saurashtra Region of Gujarat. *Agricultural Science Digest.* 41(3): 464-467. DOI: 10.18805/ag.D-5214.	5.18
22	Ganvit, K.R., Ramani, B.B., Savalia, S.G. and Joshi J.R. (2022). Biological	5.23

	indices of summer sesame based intercropping system. *The Pharma Innovation Journal*, 11(12): 763-767.	
23	Chaurya J. R. and Rajani A.V. (2022). Consequence of long-term balance nutrient management on soil phosphorus dynamics in calcareous clay under AICRP-LTFE soils. *The pharma Innovation Journal.* SP-11(9): 2696-2701.	5.23
24	Muchhadiya, R. M., Kumawat, P. D., Sakarvadia, H. L. and Muchhadiya, P. M. (2022). Consequences of elevated carbon dioxide (CO_2) on soil organic carbon pools: A review. *The Pharma Innovation Journal,*11(12): 2168-2177	5.23
25	Muchhadiya, R. M., Kumawat, P. D., Sakarvadia, H. L. and Muchhadiya, P. M. (2022). Weed management with the use of nano-encapsulated herbicide formulations: A review. *The Pharma Innovation Journal,*11(12): 2068-2075	5.23
	2023-24	
26	R.K. Mathukia, S.K. Chhodavadia, L.C. Vekaria, M.S. Vasava (2023). Organic Cultivation of Summer Groundnut using Cow-based Bio-enhancers and Botanicals. *Legume Research*, 46 (10) : 1351-1355	6.67
27	Patel, A.M., Vaghani, J.J.and Parmar, K.B. (2023). Effect of sulphur sources and sulphur oxidizing bacteria (SOB) on yield and quality of summer soybean. *Int. Journal of Plant and Soil Science*, 35(20): 18-23.	5.20
28	Laxman Kumavat, S. G. Savalia, Surajkumar Ganvit, Khusbuben, N. S. Paragi, K.A. Kachhiyapatel, Chirag Gorasiya and R. K. Doudariya (2023). Nitrogen fractions, organic carbon status and chemical properties in the soils of coastal region of Gujarat. *Frontriers in crop in crop improvement*, 11(1) : 300-306	4.85
29	S. R. Asodariya, A. V. Rajani, T. V. Vora and K. J. Chauhan. (2023). Nutrient Content, Uptake, Quality of Biofortified Pearl Millet [*Pennisetum glaucum* (L.) R. Br.] and Fertility Status of Soil as Influenced by Fertilization of Potassium and Zinc. *International Journal of Plant & Soil Science*. 35 (18) : 1977-1982.	5.38
30	Kiran Yadav, K B Parmar, Bhorania Nirali. (2023) Soil salinity/sodicity pattern along the distance gradient from sea coast in soils of Northern Saurashtra coastal region of Gujarat. *Pharma Innovation*. 12 (3):1327-1333.	5.23
31	Kiran Yadav, K B Parmar, Bhorania Nirali. (2023) Evaluation of Quality of Underground Irrigation Water along the Distance from Coastal Line of Northern Saurashtra Region of Gujarat. *Journal of the Indian Society of Soil Science*, 71 (1) : 33-40	5.23
32	Ganvit Khushbuben N, Rajani A. V., Sejpal Priyank J and Laxman Kumawat (2023) Evaluation of organic carbon status in the soils of Saurashtra region. *The Pharma Innovation Journal* 12(2): 889-893	5.23
33	Mathukia, R.K., Chhodavadia, S.K., Vekaria, L.C. and Vasava, M.S. (2023). Organic Cultivation of SummerGroundnut using Cow-based Bio-enhancers and Botanicals. *Legume Research*. 46(10): 1351-1355. doi: 10.18805/LR-4431.	6.80
34	Vasoya M.H., Vekaria L.C., Kachhiyapatel K.A., Navdeep Singh Bhati (2023). Evaluation of heavy metals (Pb, Cd, Cu and Zn) contamination in underground water of Saurashtra region. *Pharma Innovation*. 12(12):1836-1839.	5.23

35	Sayroj Lalani, Bhalu V.B., Vekaria L.C., Gohil B.S. (2023). Effect of various cow-based bio-enhancers and botanicals on quality, micro-nutrient content and microbial population in soil after harvesting of summer groundnut (*Arachishypogaea*L.). *Pharma Innovation*. 12(12):1944-1948.	5.23
36	Kharadi, R. R., Bhuriya, K. P., Bamaniya, V. P and Pargi, K. L. (2023). Effect of Organic and Inorganic fertilizers on Soil Physical Properties & Nutrients Content and Uptake of Summer Green Gram. *International Journal of Plant & Soil Science*, 35(20): 183-189	5.07
37	Pargi, K. L., Ninama, A. R., Bhuriya, K. P., and Bamaniya, V. P. (2023). Evaluation of nutrient content and uptake of summer cowpea (*Vigna unguiculata* L.) in integrated nutrient management under South Gujarat condition. *The Pharma Innovation Journal*, 12(09): 2071-2073.	5.23
	2024-25	
38	Sukumaran, T.J. Purakayastha, Dhiraj Kumar and A. V. Rajani.2024 Assessment of carbon carrying capacities of Alfisoils and Vertisols under long-term manuring and fertilization. *Soil and Tillage Research* 238 (2024) 105994.	12.50
39	Muchhadiya, R. M., Kumawat, P. D., Sakarvadia, H. L. and Chovatia, PK (2024). Response of sweet corn to nano urea under precision nitrogen management. *Journal of Scientific Research and Reports,* 30 (8), 950-963	5.17
40	Choudhary Raghuveer, Vekariya, P. D., Sakarvadia, H. L., Bhavik Solanki, Mahendra Choudhary, Jatin Jaiswal, Satyanarayan Gurjar, and Khemendra Choudhary, (2024). Evaluating the Influence of Legume and Cereal lntercropping on Bl Cotton Traits in Rainfed Conditions. *Journal of Scientific Research and Reports* 30 (10):936-46.	5.17
41	Muchhadiya, R. M., Kumawat, P. D., Sakarvadia, H. L., Lakhani, S. H. and Ninama. A. R. (2024). Nano urea fertilization in sweet corn using leaf colour chart and its effect on nitrogen use efficiency. *Journal of Experimental Agriculture International*, 46 (9):111-21.	5.14
42	Sravani, P., Chovatia, P. K., Muchhadiya, R. M., Sakarvadia, H. L., Kachhadiya, S. P., Solanki, R. M. and Rankja, N. J. (2024). Evaluating herbicides bio-efficacy on yield, quality parameters of sweet sorghum and their residual effects on soil microbial diversity. Journal of Experimental Agriculture International, 46 (10):9-24.	5.14
43	Gajera J. B., Kachhadiya S. P., Rajani A. V and Hirapara K. V. "Strategies for Improving Resilience against Abiotic Stresses in Summer Groundnut" *International Journal of Environment and Climate Change*. Volume 14, Issue 8, Page 600-612, 2024	5.50
44	Gorasiya C. A., Parmar K. B., Radhika J. Lunagariya and K. A. Kachhiyapatel *(2024)* Assessment of Spatial Variability in Availability of Boron in Different Districts Of Saurashtra Region of India Using Arc Gis. *Plant Archives* Vol. 24, No. 1, 2024 pp. 78-82	5.59
45	Kachhiyapatel K.A., Parmar K. B., RH Kotadiya, K.V. Ram, D.M. Patel and D.J .Patel (2024) Evaluation of cotton stalk biochar with organic and inorganic	5.59

	fertilizers for groundnut and soil nutrient dynamics. *International Journal of Research in Agronomy.* Vol. 7, No. 7, pp. 803-808.	
46	Vaghani, J.J., Karamta, N.B., Vekaria, L.C., Jadeja, A.S., Ponkia, H.P. and Parakhia, D.V. 2024. Effect of sulphur and sulphur solubilizing bacteria on yield, yield attributes and quality of Kharif groundnut, *International Journal of Research in Agronomy*; -7(8):166-168.	5.58
47	Vekaria, L.C., Vaghani, J.J., Vasoya Mansi, J., Jadeja, A.S., Parkhia, D.V. and Ponkia, H.P. 2024. Dynamics of iron fractions in calcareous Vertic ustochrepts under AICRP-LTFE soils. *International Journal of Research in Agronomy*; 7(8):252-255.	5.58
48	Vaghani, J. J., Vala, D. R., Patel R. V. and Poonia, T. C. 2024. Effect of Foliar Nutrition on Growth, Yield and Yield Attributes of Chickpea (Cicer arietinum L.) under Medium Black Calcareous Soil. *Asian Journal of Soil Science and Plant Nutrition*, 10(3):488-494.	5.06
49	Patel, J. A., Vekaria L. C., Chauhan A. H., and Solanki D. M.. 2024. "Yield and Bio-Chemical Parameters of Onion (*Allium Cepa* L.) and Consequences of Saline Irrigation Water on It". International Journal of Plant & Soil Science 36 (5):938-46.	5.07
50	Suraj Kumar, Vekaria L. C., Luxman Kumawat, Navdeep Singh Bhati, Suraj Kumar 2024. Studies on forms of sulphur in the soils of North Saurashtra agro-climatic zone of Gujarat. International Journal of Research in Agronomy;7(6S):337-342.	5.58
51	D.V. Parakhia, H.L. Sakarvadia, A.S. Jadeja, L.C. Vekaria and D.V. Hirapra (2024). Distribution of different fractions of Fe and their association with soil chemical properties in South Saurashtra agro-climatic zone of Gujarat, India. *Plant Archives* Vol. 24, No. 2, 2024 pp. 1103-1109.	5.59
52	A.S. Jadeja, D.V. Parakhia, B. S. Gohil, L.C. Vekaria and K.B. Parmar (2024). Distribution of different fractions of Fe and their association with soil chemical properties in North Saurashtra agro-climatic zone of Gujarat, India. *Plant Archives* Vol. 24, No. 2, 2024 pp. 2011-2017.	5.59
53	Janki A. Patel, P.H. Patel and L.C. Vekaria (2024). Effect of saline irrigation water on yield and nutrient content of onion (Allium cepa L.) Varieties. *Plant Archives* Vol. 25, Special Issue (ICTPAIRS-JAU, Junagadh) Jan. 2025 pp. 6-12.	5.59
54	A.S. Jadeja, D.V. Parkhia, L.C. Vekaria, B.S. Gohil and K.B. Parmar (2024). Status of toxic heavy metals (Cd, Ni, Pb & Cr) in the soils of Saurashtra region of gujarat, india. *Plant Archives* Vol. 25, Special Issue (ICTPAIRS-JAU, Junagadh) Jan. 2025 pp. 703-706.	5.59
2025-26		
55	Chothmal Sharma, K.B. Parmar, B. B. Ramani and A.S. Jadeja (2025). Comparative study of fresh cow dung slurry v/s inorganic nutrient management on growth, yield and quality of wheat (*Triticum aestivum* L.) and soil properties. *International Journal of Research in Agronomy,* 8(5):97-101.	5.20
56	K.P. Bhuriya, H.L. Sakarvadia, P.I. Jetpara and C.A. Gorasiya (2025). Effect of	5.59

	Integrated nutrient management on soil nutrients status of *Semi-Rabi* pearl millet (*Pennesetum Glaucum* L.). *Plant Archives* Vol. 25, No. 2, 2025 pp. 658-662.	
57	Malaviya, K. R., Vekaria, L. C., Solanki, D. G., Rathod, J. N. and Ribadiya, T. R. (2025). Effect of nano DAP on growth, yield and yield attributes of chickpea. *International Journal of Research in Agronomy,* **8(7):**1418-1421.	5.20
58	C. A. Gorasiya, Parmar, K. B., Ram B. Gohil, Bhavik P. Solanki and Radhika J. Lunagariya (2025). Effect of foliar fertilization of nano Urea under different nitrogen levels on nutrient content and uptake by summer pearl millet (*Pennisetum glaucum* L.). *International Journal of Research in Agronomy,* **8(6)**:906-910.	5.20
59	Jetpara PI, Rajani AV, Bhuriya KP and Gorasiya CA (2025). . Assessment of enzyme activity at different growth stages in groundnut-wheat cropping sequence under AICRP-LTFE soils (2025). *International Journal of Research in Agronomy,* 8(7S):110-118.	5.20