

List of research paper published

Year: 2016

1. Vyas, D. J., Patel, M. R., Patel, H.K. and Patel, P.M. (2016). Response of *rabi* maize (*Zea mays* L.) varieties to different levels of nitrogen for green forage yield under middle Gujarat conditions. **Advance Research of Crop Improvement** 6 (1):43-46.
2. Parmar, R. S., Patel, H. K. and Vegad N. M. (2016). Digital Dairy Farming Management. **Gujarat J. of Extn.Edu.** 27 (1): 30-35.
3. Mevada, K. D., Patel, M. V. and Chauhan, N. P.(2016). Performance of System of Rice Intensification (SRI) technique in rice (*Oryza sativa* L.) on farmer's field. **Gujarat J. of Extn.Edu.** 27 (1): 13-17.
4. Kalasare, R. S., Patel, M. V., Patel, H. K., Kadu, S. P., Patel, A. P. and Umale, A. A. (2016). Role of INM on growth, yield quality parameters and content of *rabi* fennel (*Foeniculum vulgare* Mill.) in middle Gujarat conditions. **Green farming** 7 (5):1991-1995.
5. Kumawat, Sanju, Sadhu, A. C., Sharma Seema and Lakhran Hansa (2016). Effect of different fertility levels and weed management practices on productivity, profitability, soil fertility and weed dynamics in winter maize (*Zea mays* L.). **Green farming** 7 (3):615-618.
6. Chudhari D. M., Sadhu, A. C. and Patel, H. K. (2016). Role of irrigation scheduling and weed management on growth, yield attributes and yield of Indian mustard (*Brassica juncea* L.). **Research in Environment and Life Sciences**, 9 (6):731-733
7. Suryavanshi, P. K., Sadhu, A. C., Pagar, V. D. and Kalsare, R. S. (2016). Yield, quality parameters of wheat (*Triticum aestivum* L.) and nutrient status of soil as influenced by integrated nitrogen management and their residual effect on succeeding forage cowpea (*Vigna unguiculata* L.). **The Ecoscan.** 9: 573-578.
8. Motka, G. N., Parmar, D. J., Kalola, A. D. and Sadhu, A. C. (2016). Influence of integrated nutrient management on yield, quality and soil status under *kharif* sesame (*Sesamum indicum* L.) – chickpea (*Cicer arietinum* L.) crop sequence under middle Gujarat conditions. **The Bioscan.** 11 (2): 1345-1350.
9. Parmar, P.N., Bhanvadia, A.S., Chaudhary, M. M. and Patel, A. P. (2016). Effect of spacing and levels of nitrogen on growth and seed yield of okra (*Abelmoschus esculentus* L. Moench) during *kharif* season. **J. of pure and applied microbiology.** 10 (1): 485-488.
10. Patel, A. P., Patel, D. B. Parmar, Chaudhary, M. M., Parmar, P.N. and Patel, H. K. (2016). Influence of irrigation scheduling based on IW: CPE ratios and levels of sulphur on growth and yield of *rabi* green gram (*Vigna radiata* L. Mills). **J. of pure and applied microbiology.** 10 (1): 795-798.
11. Mevada, K. D., Gupta, D. M. and Chaudhary, M. M. (2016). Response of French bean (*Phaseolus vulgaris* L.) to different levels of nitrogen and phosphorus under middle Gujarat conditions. **AGRES- An international e-journal** 5 (4):392-397.
12. Mevada, K. D., and Kasanwal, Jitendra (2016). Effect of integrated nitrogen management on yield and quality of potato (*Solanum tuberosum* L.) **AGRES- An international e-journal** 5 (4):426-434.

Year: 2017

1. Banu, R., Shroff, J.C. and Shah, S.N. (2017). Effect of sources and levels of sulphur and bio-fertilizer on growth, yield and quality of summer groundnut. **International Journals of Agricultural Sciences.** 13 (1):67-70.

2. Parmar, D. K., Parmar, R. S. and Patel, H. K. (2017). Application of Image Processing in the field of Agril. For the work of classification of Citrus plant leaf disease. ***International J. of Agril. Sci.*** 13 (1): 77-82.
3. Ombase, K. C., Mevada, K. D., Ghadage H. L. and Gamar, P. G. (2017). Suru sugarcane (*Saccharum officinarum* L.) yield, quality and soil nutrient management status in relation to planting pattern and intercropping ***AGRES- An international e-journal*** 6 (1):55-62.
4. Machhar Nirali, Shroff Jagruti C. and Shah Sanjay N. 2017. Growth and yield of summer groundnut as influenced by fertility levels and bio-fertilizer. ***Multilogic in Science***. (2017) Vol.7 (24): 19-20.
5. Panchasara, B. R., Patel, J. K. and Shah, S. N. 2017. Determinants of impact on tribal farmers due to intervention of lift irrigation project of sadguru water and development foundation. ***Trends in Biosciences*** 10(37): 7708-7711.
6. Shroff, J.C. and Patel, P.M. (2017). Performance of dual-purpose pearl millet as influenced by different cutting management practices and nitrogen levels. ***International Jr. of Chemical Studies***, 5(5) : 601-603
7. Dabhi, M.S., Patel, M.R., Chaudhari, C.R., Patel, V.N. and Patel, P.M. (2017). Response of oat (*Avena sativa* L.) varieties to methods of sowing and nitrogen levels on forage yield and quality. ***International Jr. of Chemical Studies***, 5(4): 683-686.
8. Chaudhari, C.R., Patel, P.M., Dabhi, M.S. and Patel, V.N. (2017). Response of organic acids and inorganic fertilizers on growth, yield and quality of rabi maize (*Zea mays* L.). ***International Journal of Chemical Studies***, 5(4): 964-966.
9. Ombase, K. C., Mevada, K. D., Ghadage H. L. and Gamar, P. G. (2017). Suru sugarcane (*Saccharum officinarum* L.) yield, quality and soil nutrient management status in relation to planting pattern and intercropping. ***AGRES- An international e-journal*** 6 (1):55-62.
10. K.D.Mevada, S.J.Chaudhary, K.C.Ombase and M.M.Chaudhary (2017). Effect of time of sowing, row spacing and variety on summer cluster bean (*Cymopsis tertagonoloba* (L.) Taub.) under middle Gujarat Conditions. ***Journal of Pure and applied Microbiology*** 11 (2): 1117-1122.
11. K.C. Ombase, K.D.Mevada, R.B.Kadu, P.G.Gamar amd H.L.Ghadge (2017). Influence of planting pattern and intercropping on growth and yield of suru sugarcane (*Saccharum officinarum* L.). ***Journal of Pure and applied Microbiology*** 11(2): 1175-1181
12. K.D.Mevada, B.G.Parmar, H.K.Patel and P.G.Patel (2017). Response of linseed (*Linum usitatissimum* L.) to different sowing dates and seed rates under middle Gujarat conditions. ***Crop Research***. 52 (3) :150-154
13. K.D.Mevada, K.C.Ombase, P.D.Patel and P.G.Gamar (2017). Quantification of different composting techniques and evaluation of their performance along with biofertilizers on growth and yield of *kharif* greengram (*Vigna radiata* L.). ***AGRES- An International e-Journal*** 6 (3):517-524
14. Mevada, K.D., Gamar, P.G., Ombase, K.C., Bhadane, R.S. and Patel, P.D. (2017). Influence of integrated nutrient management on yield, quality and nutrient status of drilled rabi fennel (*Foeniculum vulgare* MILL). ***Journal of Pure and Applied Microbiology***. 11(3):1559-1565

Year: 2018

1. K.D.Mevada, K.C.Ombase, C.J.Dodiya, M.M.Saiyad, D.M.Gupta and P.D.Patel (2018). Influence of nitrogen and phosphorus on growth, yield and economics of frenchbean (*Phaseolus vulgaris* L.). ***Contemporary Research in India***. Sp. Issue:(PSAR-2018) 233-236.

2. K.D.Mevada, K.C.Ombase, M.S.Mote, C.J.Dodiya, B.G.parmar and M.M.Saiyad (2018). Effect of sowing dates and seed rates on growth, yield and economics of linseed (*Linum usitatissimum* L.). **Contemporary Research in India**. Sp. Issue: (PSAR-2018) 228-232.
3. A.A.Umale, N.P.Chauhan,K.D.Mevada,H.K.Patel and S.P.Kadu (2018). Effect of levels of nitrogen, phosphorus and biofertilizer on growth, yield attributes and yield of rabi green gram. **Research on Crops**. 19(1): 38-42
4. Gamar, P.G., Mevada, K. D., Ombase, K.C. and Dodiya, C.J. (2018). Response of drilled rabi fennel (*Foeniculum vulgare* MILL) to integrated nutrient management practices. **International Journal of Agriculture Sciences** 10(2):4995-4998.
5. Mevada, K.D., Ombase, K. C. and Patel, P.D. (2018). Site specific nutrient management in maize: A Review. **AGRES- An International e-Journal** 7 (1): 1-16.
6. Ombase, K.C., Ghodke, S.K., Jadhav, V.T., Mevada, K.D. and Kadam, D.E. (2018). Plant geometry and intercropping in sugarcane. **International Journal of Agriculture Sciences** 10(2) pp, 5129-5133
7. Chaudhari J.G., Shah S.N., Patel H.K. and Shroff J.C. (2018). Effect of nitrogen and potash levels on growth and green fruit yield of okra (*Abelmoschus esculentus* L Moench). **International Journal of Agriculture Sciences** 10 (10): 6177-6180.
8. Patel G.G., Sadhu A.C., Patel H.K., Shah S.N. and Lakum Y.C. (2018). Effect of organic and inorganic fertilizers in comparison with humic acid on growth and yield of wheat (*Triticum aestivum* L.). **International Journal of Agriculture Sciences** 10(13): 6524-6527.
9. Patel,P.D., Patel, M.V., Mevada, K.D., Ombase, K.C., Lakum, Y.C. and Patel, R.A. (2018) Real time nitrogen management through organic and inorganic sources in wheat. **Journal of Pure and Applied Microbiology**. 2018, 12(2): 1001-1010
10. Rathwa, P.G., Mevada, K.D, Ombase, K.C., Bhadu Vipen, Purabiya, V.S. and Saiyad, M.M. (2018). Integrated nitrogen management through different sources on growth and yield of wheat (*Triticum aestivum* L.). **Journal of Pure and Applied Microbiology**. 2018, 12(2): 905-911
11. Patel, C. N., Shah, S. N., Panchal, P. S. and Shroff, J. C. 2018. Effect of vermicompost and weed management practices on weeds and yield of fenugreek (*Trigonella foenum-graecum* L.). **Advances in Life Sciences** 7 (1): 53-56.
12. Chaudhary M. M., Bhanvadia A. S., Parmar P. N., Patel A.P. and Patel H.K. (2018). Effect of INM on yield, quality and Economics of Cabbage (*Brassica oleracea* var *capitata* L.) and Physico-Chemical Properties of Soil. **International Journal of Agriculture Sciences**, 10 (9): 5931-33.
13. Patel, C. N.,Shah, S. N., Panchal, P. S. and Shroff, J. C. 2018. Influence of vermicompost and weed management practices on growth and yield of fenugreek (*Trigonella foenum-graecum* L.). **Trends in Biosciences** 11(13): 2408-2411.

Year: 2019

1. Vasava Rakesh, Shah S.N., Patel Pinal B., Patel H.K. and Purabiya Vikas, (2019). Feasibility of organic nutrient management in fenugreek (*Trigonella foenum-graecum* L.). **International Journal of Agriculture Sciences**. 11(6): 8106-8108.
2. Motaka, G N, Parmar, D J & Kalola A D (2019). Variability study in Sorghum (Bhal and Costal Zone crop) field experiments and yardstick thereof. **Gujarat Agricultural Universities Research Journal**, 44(3): 150-155.
3. Rathod, A. M., Patel, P. M., Ranva, M., Patel, H. K. and Patel, V. J. 2019. Effect of nitrogen management through organic and inorganic sources on growth and yield of popcorn (*Zea mays* Everta). **Green Farming**, 10(4): 479-482.

4. Ranva, M., Patel, H. K., Patel, P. M., Rathod, A. M. and Patel, A. P. 2019. Effect of clipping and plant growth regulators on growth and yield of summer sesame (*Sesamum indicum* L.). **Green Farming**, 10(4): 474-478.
5. Rathod, A. M., Patel, P. M., Patel, H. K. and Ranva, M. 2019. Nitrogen management through organic and inorganic sources in popcorn (*Zea mays everta*). **International Journal of Chemical Studies**, 7(4): 1655-1658.

Year: 2020

1. Patel Vipul. Y., Patel B. D., Patel V. J., Viradiya M. B. and Sodavadiya H. B. (2020). Management of Complex Weed Flora through Herbicide Combinations in Irrigated Wheat (*Triticum aestivum* L.). **International Journal of Current Microbiology and Applied Sciences**, 10(1): 3437-3444.
2. Shah, S.N., Patel, H.K. and Patel, A.P. (2020). Effect of Spacing and Topping on Yield of Summer Sesame (*Sesamum indicum* L.) **International Journal of current microbiology and Applied Science** 9(5): 2312-2319.
3. Pandey, A., Patel, P. M., Shinde, R. D, Jakasaniya, M. S. and Chaudhary, R. 2020. Effect of biochar and FYM on growth, yield and chemical composition of fodder sorghum. **International Journal of Chemical Studies**, 8(1): 2974-2979.
4. Patel G.G., Patel H. K., Lakum Y.C. and Shah S. N. (2020). Effect of organic and inorganic fertilizers in comparison with humic acid on wheat quality, nutrient content and soil nutrient status after harvest. **Green Farming**, 11 (2&3) 195-198.
5. Chudhari J. G., Shah S. N., Patel H. K. and Shroff J. C. (2020). Effect of nitrogen and potash levels on green pod yield, quality and post-harvest soil nutrient status of okra (*Abelmoschus esculentus* L. Moench) during *kharif* season under middle Gujarat conditions. **International Journal of Current Microbiology and Applied Science**, 9(5): 1619-1626.
6. Shah S. N., Patel H. K. and Patel A. P. (2020). Effect of spacing and topping on yield of summer sesame (*Sesamum indicum* L.). **International Journal of Current Microbiology and Applied Science**, 9(5): 2312-2319.
7. Vasava R. L., Shah S. N., Patel H. K. and Shroff J. C. (2020). Effect of nutrient management through organic sources on quality, post-harvest soil nutrient and economics fenugreek (*Trigonella foenum-graecum* L.). **International Journal of Chemical Studies**, 8(3): 277-279.
8. Mahapatra C. and Shah S. N. (2020). Effect of row spacing and nutrient management on yield and quality of soybean [*Glycine max* (L.) Merrill] (2020). **International Journal of Current Microbiology and Applied Science**, Special Issue-11: 956-965.
9. Shroff J. C., Patel, P. M. (2020). Effect of cutting management and fertility levels on growth and seed yields of multicut forage sorghum var. CoFS 29. **International Journal of Chemical Studies**, 8(6): 1751-1753.
10. Ninama S. D., Shroff J. C. and Mehta P. V. (2020). Effect of different row ratios on yield and quality of oat (*Avena sativa* L.) and Lucerne (*Medicago sativa* L.) intercropping. **International Journal of Chemical Studies**, 8 (3): 2817-2821.
11. Patel H. H. and Shroff J. C. (2020). Growth, yield and economics of finger millet [*Eleusine Coracana* (L.) Gaertn] as influenced by Integrated Nutrient Management. **International Journal of Current Microbiology and Applied Science**. Special Issue-11: 724-729.
12. Motaka G. N. and Parmar D. J. (2020). Variability study in safed musali field experiments and yard stick thereof. **GAU Research Journal**, 45(2) : 62-68.
13. Motaka G. N. and Parmar D. J. (2020). Study on variability in field experiments on sugarcane crop and yard stick thereof. **GAU Research Journal**, 45(2): 93-97.

Year: 2021

1. Sodavadiya H. B., Patel V. J. and Sadhu A. C. (2021). Effect of Integrated Nutrient Management on the Growth and Yield of Chickpea (*Cicer arietinum* L.) under Chickpea - forage Sorghum (*Sorghum bicolor* L.) Cropping Sequence. **Legume Research - An International Journal**. DOI: 10.18805/LR-4465.
2. Raxit R. Shekhada., Sunil J. Macwan and Motaka G. N. (2021). Effect of phytohormones on morphophysiological parameter of Kalmegh (*Andrographis paniculata* Nees), **International Journal of Chemical Studies**, 9(2): 400-403.
3. Vishakha D. Chaudhari., Virdia H. M. and Chaudhari N. (2021). Sugarcane (*Saccharum officinarum* L.) yield and quality in relation to planting methods, spacing and intercropping. **International Journal of farm sciences**, 11(4): 109-113.
4. Patel H. H., Shroff J. C. and Shah S. N. (2021). Effect of nitrogen management on yield and quality of finger millet, *Eleusine Coracana* (L) Gaertn. **International Journal of Farm Sciences**, 11(3): 17-20.
5. Chaudhari D., Mehta P., Shroff J., Yadav M. and Makwana S. (2021). Effect of Iron Application in Grain Amaranthus (*Amaranthus hypochondriacus* L.) Grown in Typic Ustocerpts under Middle Gujarat Condition. **International Journal of Current Microbiology and Applied Sciences**, 10(03): 1956-1963.
6. Patel R. V., Shroff J. C., Parmar P. M. and Shah S. N. (2021). Effect of Varying Fertility Levels and Biofertilizer on Growth, Yield and Economics of Fenugreek. **Biological Forum – An International Journal**, 13(3a): 210-213.
7. Shroff J. C., Patel H. K., Patel P. M. and Rathod P. H. (2021). Effect of nitrogen levels on yield and quality of Guinea grass under middle Gujarat condition. **Green Farming**, 12(1&2): 35-38.
8. Patel H. K., Rathod P. H., Shroff J. C., Patel P. M. and Padheriya D. R. (2021). Green fodder yield and quality of fodder maize as influenced by seed priming. **Green Farming**, 12(1&2): 46-48.
9. Motaka G. N., X. U. Shukla and Parmar D. J. (2021). Development of Yardstick of CV% for Maize crop experiments for Godhara center, **GAU Research Journal**, 46(2): 58-62.
10. Vishakha D. Chaudhari., Virdia H. M. and Chaudhari N. (2021). Influence of Planting methods, Spacing and Intercrops on Growth, Yield and Economics of sugarcane (*Saccharum officinarum* L.). **Multilogic in Science**, 11(38): 1925-1928.
11. Shiyal Vikram, Patel H. K., Rathod P. H., Patel P. M., Ravel C. H. and Patel, A. P. (2021). Integrated Nutrient Management on Fodder Dual Purpose Oat (*Avena sativa* L.). **Journal of Plant & Soil Science**, 33(16): 80-86.
12. Patel H. H., Shroff J. C. and Shah S. N. (2021). Effect of nitrogen management on yield and quality of finger millet, *Eleusine Coracana* (L) Gaertn. **International Journal of Farm Sciences**, 11(3): 17-20.

Year: 2022

1. Ninama S. D., Shroff J. C., Shah S.N. and Rathwa M. K. (2022) Evaluation of growth performance and biomass yield of oat (*Avena sativa* L) and Lucerne (*Medicago sativa* L) intercropping. **Biological Forum – An International Journal**, 14(1): 560-564.
2. Patel S., Shroff J. C., Parmar P. M., Shah S. N. and Parmar P.V. (2022) Phosphorus management through PROM and PSB in semi rabi green gram. **Biological Forum – An International Journal**, 14(4): 824-827.

3. Chauhan A. H., Shinde R. D., Shroff J. C. and Bhuriya K. R. (2022). Effect of potassium and zinc on yield and nutrient content of chickpea. *The Pharma Innovation Journal*, SP-11(8): 1742-1747.
4. Ganvit K. J., Patel V. J. and Desai N. B. (2022). Influence of spacing and nutrient management practices on quality, soil fertility after harvest, nutrient content and their uptake in summer blackgram (*Vigna mungo* L. Heeper) under organic conditions. *Pharma Innovation*, 11(10): 312-316.
5. Lakshmidhevi T. G., Patel V. J., Patel B. D. and Chaudhari D.D. (2022). Effect of herbicide mixtures on weeds and yield of summer groundnut. *Indian Journal of Weed Science*, 54(3): 328-330.
6. Pandya B. R., Mehta P. V., Patel A. P., Prajapati S. A. and Bhuriya K. (2022). Effect of sulphur coated urea on growth, yield and quality of mustard. *The Pharma Innovation Journal*, SP-11(12): 1186-1191.
7. Patel R., Patel P., Patel H., Patel H. and Patel T. (2022). Nitrogen management through organic sources and biofertilizers in summer groundnut (*Arachis hypogaea* L.). *The Pharma Innovation Journal*, 11(9): 1342-1347.
8. Patel R., Shroff J. C., Parmar P. M. and Shah S. N. (2022). Enhancement of yield and quality of fenugreek (*Trigonella foenum-graecum* L.) through fertilizer level and bio NP. *The Pharma Innovation Journal*, 11(4): 1290-1293.
9. Pramod Kumar, Patel V. J., Chaudhari D. D. and Patel B. D. (2022). Effect of herbicides on complex weed flora and yield of summer greengram. *Indian Journal of Weed Science*, 54(3): 318-320.
10. Vikas G Aghara, Patel, V. J., Panchal P. S. and Dohat, M. P. (2022). Effect of age of seedling and spacing on yield attributes and yield of finger millet. *Journal of Pharmacognosy and Phytochemistry*, 11(06): 32-34.

Year: 2023

1. Parmar, P.M., Shroff J. C., Chaudhary, N. N. and Shah S.N. (2023). Growth Behaviour of Bt-cotton under Legume Intercropping with Paired Planting of Cotton. *Biological Forum – An International Journal*, 15(11): 275-279.
2. Shah, S.N., Chaudhari, V.D., Shroff, J.C., Patel, V.J. and Patel, A.P. (2023). Nutrient Management Through Organic Sources in Chickpea. *Legume Research*. DOI: 10.18805/LR-5165.
3. 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.)]. *Journal of Emergent Life Science Research*, 9(1): 120-130.
4. Abhishek, P. V. Mehta, A. P. Patel, A. S. Bhanvadia, Suwa Lal Yadav, Dhirender Pratap Singh and Devilal Birla (2023). Response of Direct Seeded Rice to Iron and Zinc Fertilization Strategies under Middle Gujarat Conditions. *International Journal of Plant & Soil Science* 35(18): 1116-24.
5. Supriya Muduli, V. J. Patel, D. D. Chaudhari and A. P. Patel (2023). Efficacy of Herbicides against Complex Weed Flora and Yield of Summer Blackgram (*Vigna mungo* L.) *International Journal of Plant & Soil Science* 35(18):2211-18.
6. Parmar, P.M., Shroff J. C. and Shah S.N. (2023). Effect of cotton-legume intercropping patterns and crop geometry on growth and yield of Bt. cotton. *The Pharma Innovation Journal*, 12(12): 2221-2228.
7. Chaudhari, V.D., Virdia, H.M. and Chaudhari, P.R. (2023). Growth behaviour of sugarcane under influence of planting methods, spacing and intercropping. *The Pharma Innovation Journal*, 12(2): 3845-3849.

Year: 2024

1. Vasava, N. M., Shroff, J. C., Shah, S. N. Parmar, P.M., and Dohat, M. P. (2024). Growth, yield and quality of Linseed under replacement series in legume intercropping system. **International Journal of Plant & Soil Science** 36(5):173-181.
2. Vasava, N. M., Shroff, J. C., Shah, S. N., Panchal, P. S. and Parmar, P.M. (2024). Effect of Legume-Legume replacement series of intercropping system on growth, yield and quality of Chickpea. **Journal of Experimental Agriculture International** 46, (4) : 56-67.
3. Chauhan, Z. Y., Shah, S. N., Patel, K. C., Shroff, J. C., & Patel, H. K. (2024). Optimizing integrated nutrient management for sustainable maize–sesame cropping in Gujarat Plains: A soil health perspective. **Soil Science Society of America Journal**, 1–12.<https://doi.org/10.1002/saj2.20664>
4. Panchal, P. S., Patel V. J., Patel B. D. and Chaudhari D.D. (2024). Weed management in Bt. Cotton through sequential and tank mix application of different herbicides. **Indian Journal of Weed Science** 56(1): 59-62.
5. Patel, V. J., Chaudhari D.D., Bhanvadia, A.S., Patel, H.K., Patel, B.D. and Chaudhary, N.N. (2024). Efficacy of herbicide mixtures on weed dynamics in direct-dry-seeded rice under irrigated condition. **Indian Journal of Weed Science** 56(2): 112-116.
6. Patel Harsh K, Patel V. J. and Chaudhari D.D. (2024). Effect of herbicides against Phalaris minor and other weeds in wheat under middle Gujarat condition. **Indian Journal of Weed Science** 56(3): 258-262.
7. Singh, P., Basak, B.B., Patel V.J. Sarkar, R, Patel, K.C, Motaka, G. N. (2024). Integration of Biochar with Chemical Fertilizers Improves the Economic Yield, Quality of Holy Basil (*Ocimum sanctum* L.) and Soil Health. **Journal of Soil Science and Plant Nutrition**. <https://doi.org/10.1007/s42729-024-01977-6>
8. Jitarwal Kiran, Patel V. J. and Patel, A. P. (2024). Influence of irrigation and hydrogel on transplanted summer pearl millet [*Pennisetum glaucum* (L.) R. Br.]. **International Journal of Research in Agronomy** 7(11S):279-282. DOI: [10.33545/ 2618060X.2024.v7.i11Sd.1983](https://doi.org/10.33545/2618060X.2024.v7.i11Sd.1983)
9. Patel Harsh K, Patel V. J. and Chaudhari D. D. (2024). Evaluating the effect of herbicide combinations and sequential applications for broad-spectrum weed control in wheat. **Agriculture Association of Textile Chemical and Critical Reviews Journal** 12(4): 270-274.
10. Patoliya S.V. and Patel P. M. 2024. Influence of different organic sources of nutrients on yield attributes of summer green gram. **International Journal of Research in Agronomy**, SP-7(10): 545-548.
11. Patoliya S.V. and Patel P. M. 2024. Effect of different organic sources of nutrients on growth parameters of organic summer green gram. **International Journal of Research in Agronomy**, SP-7(10): 789-781.
12. Shah S. N., Patel A. P. and Patel H. K. (2024). Nutrient Management Through Organic Sources in Summer Green Gram. **Legume Research**, LR-5320.
13. Chaudhari, V. D., Virdia, H. M. and Chaudhari, P. R. (2024). Impact of planting methods, spacing and intercropping on yield, nutrient content and uptake by sugarcane under south Gujarat conditions. **International Journal of Research in Agronomy**, SP-7(1): 230-235.

Year: 2025

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