

Appendix 4

List of Research paper Published

1. FACULTY OF AGRICULTURE/ HORTICULTURE

1. Aal J. M., Patel K. M., Patel S. J. and Sindha D. J. (2020). Effect of integrated nutrient management on fruit yield of Aonla (*Emblica officinalis* Gaertn.) cv. Gujarat Aonla-1. **International Journal of Current Microbiology and Applied Sciences**, 9(10): 2319-7706.
2. Aal J. M., Patel K. M., Rathva J. C. and Nadoda S. R. (2020). Effect of integrated nutrient management on fruit quality and shelf life of Aonla (*Emblica officinalis* Gaertn.) cv. Gujarat Aonla-1. **International Journal of Chemical Studies**, 8(5): 1227-1230.
3. Aghara V. G., Patel V. J., Patel B. D. and Panchal P. S. (2020). Feasibilities of intensification system in finger millet (*Eleusine coracana* L. Gaerth). **International Journal of Current Microbiology and Applied Sciences**, 9(11): 3050-3056.
4. Amarjeet S. T., Sakure A. A., Dhaduk H. L., Kumar S. and Mistry J. G. (2020). Impact evaluation of growth stage and species on morpho-physiological traits and bioactive constituent of essential oil in *Ocimum* through multi-year experiment. **Industrial Crops & Products**, 158: 113052.
5. Baladhiya C. S., Doshi J. S. and Bhlodiya V. B. (2020). Performance evaluation of mechanized manufacture of bottle guard Halwa. **International Journal of Agricultural Engineering**, 13(1): 113-120.
6. Ban S. H., Patel J. B. and Gaikwad A. B. (2020). Management practices adopted by ginger growers to cope with general adverse situation and marketing risks. **Gujarat Journal of Extension Education**, 31(1): 122-125.
7. Ban S. H., Patel J. B. and Popat R. C. (2020). Planting material and soil health related risk management practices adopted by the ginger growers. **Gujarat Journal of Extension Education**, 31(2): 63-67.
8. Barad A. H., Dabhi M. V., Rathod N. K. and Prajapati H. N. (2020). Bio-efficacy of different insecticides against mealy bug infesting custard apple. **International Journal of Current Microbiology and Applied Sciences**, 9(9): 1723-1727.
9. Barad K. B., Patel K. M., Jangod R. and Jethava B. A. (2020). Effect of application of GA3 and NAA on yield, quality and economics of broccoli (*Brassica oleracea* var. *italica*) var. Pusa KTS-1. **International Journal of Chemical Studies**, 8(5): 1376-1378
10. Bariya M. K., Patel Hansa, Chandravadia K. U. and Chovatia J. V. (2020). Empowerment of Women through Self Help Groups in Amreli district of Gujarat, **Journal of Krishi Vigyan**, 8(2): 60-64.

11. Bartwal D. and Patel R. A. (2020). Effect of chemical fertilizer, organic manure and bio-fertilizer on growth and yield of summer cowpea (*Vigna unguiculata* L. Walp). **International Journal of Current Microbiology and Applied Sciences**, 9(11): 599-603.
12. Bhatt N. A., Rojasara Y. M. and Patel J. N. (2019). Role of entomophage biodiversity park in bidi tobacco based agro-ecosystem. **Journal of Entomology and Zoology Studies**, 7(5): 521-524.
13. Boppana J. and Patel J. B. (2020). Attitude of farmers towards Krishi Mahotsav. **Gujarat Journal Extension Education**, 31(1): 126-129.
14. Boppana J., Patel J. B. and Shafi M. (2020). Relationship between profile of the farmers and their attitude towards Krishi Mahotsav. **Gujarat Journal Extension Education**, 31(2): 147-151.
15. Borah B. and Sodavadiya H. B. (2020). Potentiality of zeolite minerals for sustaining soil fertility and quality in Agriculture as a review. **Trends in Biosciences**, 13(5): 258-264.
16. Chandravadi K., Bariya M. K. and Christian B. (2020). Clean milk production practices adopted by Tribal women. **Gujarat Journal of Extension Education**, 31(1): 95-98.
17. Chandravadia K., Bariya Minaxi and Kumbhani S. (2020). Participation of Tribal Women in Agriculture production. **Gujarat Journal of Extension Education**, 31(2): 110-112.
18. Changela P. and Ganga Devi (2020). An Economic Impact of Eucalyptus Plantation on Farmers' Sustainability in Gujarat. **Indian Journal of Economics and Development**, 16(4): 518-525.
19. Chaudhari D. D., Patel B. D., Patel V. J. and Patel H. K. (2020). Soybean yield and economics as influenced by weed management practices and its carryover effect on follow up crops. **International Journal of Chemical studies**, 8(6): 326-329.
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21. Chaudhari D. D., Patel V. J., Patel H. K., Mishra A. and Patel B. D. (2020). Tillage and weed management influence on physico-chemical and biological characteristics of soil under cotton-greengram cropping system. **Indian Journal of Weed Science**, 52(1): 37-42.
22. 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(3): 1956-1963.
23. Chaudhari N. J., Mevada K. D., Patel M. V. and Patel V. (2020). Influence of non-monetary inputs on growth dynamics, productivity and economics of semi rabi pearl millet (*Pennisetum glaucum* L.). **International Journal of Chemical Studies**, 8(6): 1410-1417.
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25. Chaudhari R., Patel J. B. and Paradva V. B. (2020). Farmers attitude toward use of Smartphone for agricultural profession. *Gujarat Journal Extension Education*, 31(1):114-117.
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27. Chaudhari R., Patel M. R. and Patel V. J. (2020). **Impact of Krishi Vigyan Kendra on knowledge of Maize production technology.** *Gujarat Journal Extension Education*, 31(2): 140-142.
28. Chaudhari V. K. and Patel M. P. (2020). Effect of variability in genotypes on major insect pests of green gram. *Trends in Biosciences*, 13(9): 549-554.
29. Chaudhary 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 postharvest soil nutrient status of okra (*Abelmoschus esculentus* L. Moench) during kharif Season under Middle Gujarat Conditions. *International J of current Microbiology and applied Science*, 9(5): 1619-1626.
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31. Chaudhary P. J. Patel M. R. and Patel V. J. (2020) Constraints faced by farmers in getting benefits from Krishi Vigyan Kendra. *Gujarat Journal Extension Education*, 31(2): 136-139.
32. Chaudhary P. J., Patel M. R. and Garadharia K. (2020). Impact of Krishi Vigyan Kendra on Adoption of Maize production technology. *Gujarat Journal Extension Education*, 31(1): 111-113.
33. Chauhan C. D. and Patel J. B. (2020). A scale to measure the attitude of member farmers of gram panchayat towards Pradhan Mantri Fasal Bima Yojana. *Gujarat Journal Extension Education*, 31(1): 1-5.
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35. Choudhary R. N., Suthar K. J. and Patel N. J. (2020). Effect of seed priming and foliar spray of bio-regulators on yield and yield attributes of chickpea (*Cicer arietinum* L.) under conserved moisture condition. *International Journal of current Microbiology and applied Sciences*, 9(11): 2051-2057.
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37. Choudhary R. N., Suthar K. J., Doba S. D. and Maheriya V. D. (2021). Effect of varying levels of silicon and restricted irrigation on productivity of wheat (*Triticum aestivum* L.) under Bhal condition of Gujarat. *International Journal of Chemical Studies*. 9(1): 1269-1272.

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39. 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 Sciences*, 9(5): 1619-1626.
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44. Das A., Adhikari A., and Dudhat B. L. (2020). Adoption of new sesame variety in small scale farming in West Bengal: Barriers and Strategies. *International Journal of Agriculture Sciences*, 12(11): 9923-9926.
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83. Lakum Y. C., Patel H. K., Patel G. G., Patel P. D. and Patel D. K. (2020). Residual Effect of Manure and Fertilizer on Growth, Yield of Chickpea and Soil Nutrient Status under Maize-Chickpea Cropping System. ***International Journal of Current Microbiology and Applied Sciences***, 9(4): 2940-2945.
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