

# Appendix - 4

## List of Research Paper Published

### (I) FACULTY OF AGRICULTURE/HORTICULTURE

- 1 Akasthan N., Panchal B. H., and Mahida S. V. (2019). Study the effect of different dates of transplanting and spacing on yield and quality of broccoli (*Brassica oleracea* var. italica) cv. Palam samriddhi in middle Gujarat condition. *International Journal of Chemical Studies*,7(4): 1736-1738.
- 2 Antala V., Narayanan S., Radadiya N., Chaudhari H., Desai H. and Patil G.(2019).Assessment of genetic diversity by using RAPD and ISSR markers in ginger (*Zingiber officinale* Rosc.) genotypes. *International Journal of Chemical Studies*, 7(4): 363-372.
- 3 Asari T., Patel B. N., Patel R., Patil G. and Solanki C.(2019).Genetic variability, correlation and path coefficient analysis of yield and yield contributing characters in mung bean [*Vigna radiata* (L.) Wilczek]. *International Journal of Chemical Studies*,7(4): 383-387.
- 4 Barad A.J., Singh S.K., Bhagora G.J. and Barad A.H.(2019). Efficacy of different fungicides against *Exserohilum turcicum* causing Turcicum Leaf Blight disease in maize. *International Journal of Current Microbiology and Applied Sciences*, 8(8): 108-114.
- 5 Barad A. J., Singh S. K., Bhagora G. J. and Patel M. B.(2019).*In vitro* evaluation of different fungicides and bioagents against *E. turcicum* causing Turcicum Leaf Blight disease of maize. *International Journal of Chemical Studies*, 7(4): 682-686.
- 6 Barad A. J., Singh S. K., Bhagora G. J. and Patel M. B., (2019). Pathogenesis related proteins act as a plant defence mechanism. *International Journal of Chemical Studies*, 7(4): 1339-1345.
- 7 Bariya M. K., Chandravadia K. U., Patel Hansa and ParmarS. J. (2019). Impact of self help groups on political and legal empowerment of women.*GujaratJournal of Extension Education*.(Special issue 2019): 5-7.
- 8 Bariya M. K., Patel Hansa Chandravadia K. U., Parmar S. J. and Chodavadia H.C. (2019). Attitude of women towards self help groups under integrated watershed management programme. *Journal of Krishi Vigyan*, 8(1):19-22.
- 9 Bhagora G. J., Gohel V. R. and Barad A. J. (2019). Effect of seed mycoflora on seed health of brinjal cultivars. *International Journal of Current Microbiology and Applied Sciences*, 8(8): 1570-1576.
- 10 Bhagora G. J., Gohel V. R. and Barad A. J. (2019). Management of brinjal seed mycoflora through fungicides *invitro*. *International Journal of Chemical Studies*, 7(4): 2467-2469.

- 11 Bhalodiya D., Dhaduk H.L., Kumar S., Gediya L.N., Patel H.P. (2019). Line× tester analysis for seed yield, protein and oil content and SSR based diversity in sesame (*Sesamum indicum* L.). *Ecological Genetics and Genomics*, 13: 100048.
- 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 Borad M.G., Patel H. P., Damor M. P., Pipaliya G.K. and Aniyaliya M. D. (2020). Population dynamics of aphid, *Aphis craccivora* Koch on cowpea ecosystem in middle Gujarat. *Journal of Entomology and Zoology studies*, 8(1): 805-810.
- 14 Borad M.G., Patel H. P., Patel N. K. and Borad P. K. (2019). Bio-efficacy of different botanicals against aphid, *Aphis craccivora* Koch infesting cowpea *Vigna unguiculata* (L.) Walp. *International Journal of Chemical Studies*, 7(6): 2730-2736.
- 15 Chandravadia K. and Makwan A.R.(2019). Use of information and communication technologies by the tribal farmwomen. *Gujarat Journal of Extension Education*, 30(1): 58-59.
- 16 Chaudhari D.D., Patel V.J., Patel B.D. and Patel H.K. (2019). Integrated weed management in garlic with and without rice straw mulch. *Indian Journal of Weed Science*, 51(3): 270-274.
- 17 Chaudhari Sadhana, Patel R.A. and Patel H. K.(2019). Effect of phosphorus, sulphur and biofertilizer on protein content, P and S content and uptake of summer green gram (*Vigna radiata* L. Wilczek). *International Journal of Chemical Studies*, 7(3): 3994-3997.
- 18 Chaudhary M.M., Chaudhari H.L., Patel J.A., Patel C.K. and Patel H. K, (2019). Precision Nitrogen Management In Cereal Crops. *International Journal of Agriculture Sciences*, 11(8): 8317-8321.
- 19 Chauhan N. R., Joshi M. N., Litoriya N. S. and Parmar K. D. (2019). Persistence of flonicamid 50 WG in/on paddy. *Pesticide Research Journal*, 31(1): 114-118.
- 20 Chinchorkar S.S., Vaidya V.B. and Pandey V. 2019. Nakshatra Based Rainfall Trend Analysis during Monsoon Season at Anand, Gujarat (India). *Trends in Biosciences*, 12(9): 623-633.
- 21 Dankhra Minal, Patel V. J. and Panchal, P. S. (2019). Effect of twin row system and levels of nitrogen on yield and economics of *rabi* maize (*Zea mays* L.). *International Journal of Chemical Studies*, 7 (6): 1891-1894.
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- 30 Elvis M. and Chauhan N. B. (2019). Willingness of agricultural postgraduate scholars to accept rural occupation. *Gujarat Journal Extension Education*, 30(1): 34-37.
- 31 Eric Ariel L. Salas, Sakthi Kumaran Subburayalu, Brian Slater, Kaiguang Zhao, Bimal Bhattacharya, Rojalin Tripathy, Ayan Das, Rahul Nigam, Rucha Dave and Parshva Parekh (2019). Mapping crop types in fragmented arable landscapes using AVIRIS-NG imagery and limited field data, *International Journal of Image and Data Fusion*, <https://doi.org/10.1080/19479832.2019.1706646>
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- 37 Gaur Murari Lal and Bhanderi Hepin D. (2019). Assessing production and water use efficiency of tomato using drip and furrow based irrigations in tribal farmer’s conditions of middle Gujarat India. *Research Journal of Agricultural Sciences* 10(2): 249-258.
- 38 Gediya L.N., Patel D.A., Kumar S., Kumar D., Parmar D. J. (2019). Phenotypic variability, path analysis and molecular diversity analysis in chickpea (*Cicer arietinum* L.). *Vegetos*, 32: 167-180.

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- 44 Hajari R. V., Machhar R. G., Damor C. B., Hadiya G. D. and Mahida A. K. (2019). Effect of sowing time and spacing on growth and yield of chickpea for green pod. *Journal of agrisearch*, 6(1):11-15.
- 45 Hirpara B. V., Chavda N. K., Parmar P. S. and Dhaduk H. L. (2019). Effect of different levels of Nitrogen and Phosphorus on dry biomass yield of dodi (*Leptadenia reticulata* Retz. Wight & Arn.) under middle Gujarat condition. *Green Farming*, 10(3): 276-279.
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