



Appendix - 4

List of Research Papers Published



(I) Faculty of Agriculture / Horticulture

- 1 Amipara G. J., Parmar D. J. and Patel K. V. (2018). Comparison and Association of Non-Parametric Methods of Stability Analysis in Black Gram { *Vigna mungo* (L.) Hepper}. *Trends in Biosciences*, 11(41): 4165-4174.
- 2 Amit Kumar, Sushil Kumar, Fougat R. S. and Zala H. N. (2018). In-silico identification and validation of miRNAs in pearl millet [*Pennisetum glaucum* L.]. *Current Plant Biology*, 14: 41-49.
- 3 Aravind T. and Brahmabhatt A. B. (2018). Estimation of biochemical factors responsible for resistance to root and collar rot (*Macrophomina phaseolina* (Tassi) Goid.) in okra. *Journal of Applied and Natural Science*, 10(4): 1266-1270.
- 4 Aravind T. and Brahmabhatt A. B. (2018). Protein profiling of okra genotypes resistant to root and collar rot incited by *Macrophomina phaseolina* (Tassi) Goid. using SDS-PAGE. *International Journal of Current Microbiology & Applied Sciences*, 7(11): 2290-2293.
- 5 Ashish Kumar Satpathi and Gohel N. M. (2018). Cultural and morphological variability among the isolates of *Macrophomina phaseolina* (Tassi) Goid. causing stem and root rot of sesame (*Sesamum indicum* L.). *International Journal of Chemical Studies*, 6(6): 2890-2893.
- 6 Ashish Kumar Satpathi and Gohel N. M. (2018). Evaluation of antagonistic potential of biocontrol agents against *Macrophomina phaseolina* (Tassi) Goid causing stem and root rot of sesame (*Sesamum indicum* L.) under *in vitro* and *in vivo*. *International Journal of Current Microbiology & Applied Sciences*, 7(12): 1748-1754.
- 7 Ashish Kumar Satpathi and Gohel N. M. (2018). Role of meteorological factors on development of stem and root rot of sesame. *Journal of Pharmacognosy and Phytochemistry*, 7(6): 1922-1924.
- 8 Ashish Kumar Satpathi and Gohel N. M. (2018). Screening of sesame [*Sesamum indicum* L.] varieties/germplasm for resistance source against stem and root rot [*Macrophomina phaseolina* (Tassi) Goid.] disease. *Trends in Biosciences*, 11(22): 3053-3055.
- 9 Baladhiya H. C., Patel N. B., Joshi V. I. and Acharya R. R. (2018). Bio-efficacy of spiromesifen 22.9 SC against brinjal mite, *Tetranychus urticae* Koch. *International Journal of Current Microbiology and Applied Sciences*, 7(7): 1650-1656.
- 10 Baladhiya H. C., Patel N. B., Joshi V. I. and Acharya R. R. (2018). Bio-efficacy of Spiromesifen 22.9 SC against brinjal mite, *Tetranychus urticae* Koch. *International Journal of Current Microbiology and Applied Sciences*, 7(7): 1650-1656.
- 11 Baldaniya Natubhai, Kalyanrao, Karjule A. P. and Patel D. A. (2018). Effect of containers and Duration on seed quality of onion under ambient storage conditions. *Journal of Seed Research*, 46(2): 164-167.
- 12 Bansal Rachana Kumari and Macwan Jignesh (2018). Technological change in Banana Production: A Comparative Analysis of Drip and Conventional Methods of Cultivation. *International Journal of Tropical Agriculture*, 35(3): 471-477.

- 13 Bansal Rachana, Macwan Jignesh and Jadav K. S. (2018). Impact of Drip Irrigation on Costs and Returns of Banana Growers in Middle Gujarat. *International Journal of Economics, Commerce and Research*, 13(2): 67-79.
- 14 Barad A. H. (2018). Bio-efficacy of seed treatment insecticidal molecules against cucumber leaf miner, *Liriomyza trifolii* (Burgess). *Journal of Entomology and Zoology Studies*, 6(6): 251-255.
- 15 Bhabhor I. N. and H. U. Vyas (2018). Role of Geoinformatics in animal husbandary. *Gujarat Journal of Extension Education, Special issue on national seminar*. April 2018: 116-119.
- 16 Bhabhor I. N. and Vyas H. U. (2018). Role of Geoinformatics in animal husbandry. *Gujarat Journal of Extension Education, Special issue on national seminar*. April 2018: 116-119.
- 17 Bhatt J.H. and Patel G. G. (2018). Knowledge level of fish farmers regarding freshwater aquaculture. *Gujarat Journal of Extension Education*, 29(2): 257-260.
- 18 Bhatt N. A., Thumar R. K. and Rojasa Y. M. (2018). Synthetic insecticides for the control of *Spodoptera litura* (Fabricus) infesting Bidi tobacco under nursery condition. *Pesticide Research Journal*, 30(1): 106-108.
- 19 Bhutka Kinjal, Dhruv J. J., Gohil D. P. and Talati J.G. (2018). Influence of variety on morphological and some phytochemical and biochemical characteristics of okra seed. *International Journal of Chemical Studies*, 6(2): 1913-1919.
- 20 Borad C. K. and Parasharya B. M. (2018). Community structure of birds in wheat crop fields of Central Gujarat. *Journal of Entomology and Zoology Studies*, 6(5): 19-24.
- 21 Borad C. K. and Parasharya B. M. (2018). Conservation of Indian peafowl in agricultural landscape. *International Journal of Fauna and Biological Studies*, 5(2): 108-113.
- 22 Chakraborty S., Patel D. A., Parmar H., Dhaduk H. L. and Sasidharan N. (2018). Genetic diversity analysis in soybean (*Glycine max* (L.) Merrill.) using SSR markers. *Journal of Pharmacognosy and Phytochemistry*, 7(3): 2380-2384.
- 23 Chandravadia K. U., Bariya M. K. and Kumbhani Sandip (2018). Farm women's characteristics and their correlation toward decision making process with respect to animal husbandry practices in Junagadh district in Gujarat state. *Gujarat Journal of Extension Education*, 29(1): 89-92.
- 24 Changela Priyanka and Devi Ganga (2018). Doubling Farmers' Income Options and Challenges in Gujarat: A Review. *Gujarat Journal of Extension Education, Special Issue April 2018*: 210-217.
- 25 Chaudhari B. H., Parmar J. K. and Patel V. N. (2018). Incubation Study of Cobalt with and Without FYM at Various Day Intervals. *International Journal of Current Microbiology & Applied Science*, Special Issue-7: 445-449.
- 26 Chaudhari D. D., Patel V. J., Patel H. K., Mishra Aakash, Patel B. D. and Parmar D. J. (2018). Integrated control of complex weed flora in garlic. *Research on crops*, 18(4): 668-674.
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- 30 Chaudhari H.J., Panchal B. H., Vasava S. R. and Parmar C. B. (2018).Effect of etiolating, wrapping materials and media on growth characteristics and survival of air layering in guava (*Psidiumguajava*L.) cv. Allahabad Safeda. *International Journal of Chemical Studies*, 6(4): 2314-2317.
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- 32 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.
- 33 Chaudhari R. I., Gohel V. R. and Mandaviya T. K. (2018). Effect of seed mycoflora on mungbean seed health with respect to seed germination and seedling vigour. *International Journal of Current Microbiology & Applied Sciences*,7(7): 1967-1976.
- 34 Chaudhari S., Patel R. A. and Patel H. K.(2018). Response of phosphorus and sulphur with and without PSB inoculation on growth and yield of summer greengram. *Green farming*, 9(6): 011-1014
- 35 Chaudhari U. C., Singh A., Ahlawat T. R. and Thatte S. (2018). Effect of various levels of nitrogen on quantitative and qualitative parameters of rose var, “Top Secret” under poly house condition. *Journal of Applied and natural Science*, 10(1): 417-420.
- 36 Chaudhary H. L., Tandel B. M., Patel V. K.,Panchal S. B. and Apeksha Patel (2018). Effect of type of cuttings and growth regulators on rooting of wax apple (*Syzygium samarangense* L.).*International Journal of Chemical Studies*, 6(2): 2475-2478.
- 37 Chaudhary H. L., Tandel B. M., Patel V. K., Panchal S. B. and Apeksha Patel (2018). Effect of type of cuttings and growth regulators on rooting of wax apple (*Syzygium samarangense* L.). *International Journal of Chemical Studies*,6(2): 2475-2478.
- 38 Chaudhary J. J. and Parmar R. G. (2018). Efficacy of fungicides against sheath rot of rice under field condition. *Plant Archives*, 18(2): 1352-1354.
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- 53 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.
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- 81 Kulkarni V. M., Patel B. R. and Akarsh Parihar (2018). Heterosis studies in Okra (*Abelmoschus esculentus* (L.) Moench.) for green fruit yield and quality parameters over the environments. *Frontiers in Crop Improvement*, 6(2): 81-85.
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- 84 Litoriya N. S. and Talati J. G. (2018). Influence of organic amendments on protein content, their fractions and amino acid profiling of durum wheat. *Indian Journal of Agricultural Biochemistry*, 31(2): 106-110.
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