

List of Research Paper published

No. of research paper published in scientific journal	International Journal	24
	National Journal	10

(i) International Journal

1. Thakker B. N., Zala M. B. and Patel J. K. (2023). Knowledge about IPM among paddy growers of Mehmedabad Taluka in Kheda district. *The Pharma Innovation Journal*, 12(6): 991-994.
2. Zala M. B. and Bharpoda T. M. (2022). Seasonal occurrence of major insect pests of mango. *The Pharma Innovation Journal*, SP-11(7): 21-28.
3. Zala M. B. and Bharpoda T. M. (2022). Study on succession of insect pest complex and their natural enemies in mango. *The Pharma Innovation Journal*, SP-11(8): 356-359.
4. Varma H. S., Suthar M. D., Zala M. B., Patel M. B., Parmar P. K., Thumar R. K., Sisodiya D. B. and Patel J. K. (2022). Screening of maize cultivars/genotypes for resistance against fall armyworm, *Spodoptera frugiperda* (J.E. Smith). *The Pharma Innovation Journal*, 11(8): 1468-1472.
5. Zala M. B. and Sipai S. A. (2021). Efficacy of insecticides against rice leaf folder, *Cnaphalocrocis medinalis* (Guenee). *The Pharma Innovation Journal*, 10(12S): 874-879.
6. Varma H. S., Sisodiya D. B., Zala M. B., Patel M. B., Patel J. K., Patel K. H. and Borad P. K. (2021). Evaluation of indigenous materials against fall armyworm, *Spodoptera frugiperda* (J. E. Smith) in Maize. *The Pharma Innovation Journal*, SP-10(10): 398-404.
7. Zala M. B. and Patel B. N. (2020). Evaluation of different insecticidal application strategies against stem borer, *Chilo partellus* swinhoe infesting maize. *Journal of Entomology and Zoology Studies*, 8(4): 1982-1988.
8. Dhobi C. B., Zala M. B., Varma H. S., Sisodiya D. B., Thumar R. K., Patel M. B., Patel J. K. and Borad P. K. (2020). Evaluation of Bio-pesticides against Fall Armyworm, *Spodoptera frugiperda* (J. E. Smith) in Maize. *International Journal of Current Microbiology and Applied Sciences*, 9(8): 1150-1160.
9. Lunagariya M. V., Zala M. B., Varma H. S., Suthar M. D., Patel M. B., Patel B. N. and Borad P. K. (2020). Efficacy of poison baits against fall armyworm, *Spodoptera frugiperda* (J.E. Smith) infesting maize. *Journal of Entomology and Zoology Studies*, 8(4): 2251-2256.
10. Suthar M. D., Zala M. B., Varma H. S., Lunagariya M. V., Patel M. B., Patel B. N. and Borad P. K. (2020). Bio-efficacy of granular insecticides against fall armyworm, *Spodoptera frugiperda* (JE Smith) in maize. *International Journal of Chemical Studies*, SP-8(4): 174-179.
11. Thumar R. K., Zala M. B., Varma H. S., Dhobi C. B., Patel B. N., Patel M. B. and Borad P. K. (2020). Evaluation of insecticides against fall armyworm, *Spodoptera frugiperda* (J. E. Smith) infesting maize. *International Journal of Chemical Studies*, SP-8(4): 100-104.
12. Zala M. B., Bharpoda T. M. and Patel B. N. (2018). Molluscan pests and their management: A review. *AGRES – An International e. Journal*, 7 (2): 126-132.
13. Sipai S. A., Zala M. B. and Patel, B. N. (2018). Adoption of sesamum growers about sesamum cultivation practices. *Advances in Bioresearch*, 9 (2):151-154.
14. Sipai S. A., Zala M. B. and Khadayata K. G. (2017). Knowledge of Sesamum growers about Sesamum cultivation practices. *International Journal of Chemical Studies*, 5(4): 1413-1415.
15. Sipai S. A., Zala M. B. and Patel B. N. (2017). Opinions of farmers of Kheda district about krishimela. *AGRES – An International e. Journal*, 6 (2): 313-317.
16. Dave P. B, Patel B. N., Parmar D. J. and Patel N. A. (2017). Interpretation of genotype x environment effect on oil content in castor. *International Journal of Tropical Agriculture*, 35(3): 517-523.
17. Dave P. B, Patel A. L., Patel N. A. and Patel B. N. (2017) Heterotic and combining ability estimates using seed yield and its components for assessing potential crosses to develop F Hybrids in castor over environment. *International Journal of Tropical Agriculture*, 35(3): 525-536.
18. Kugashiya K. G., Patel B. N. and Vekariya K. J. (2017). Study of combing ability analysis and gene action for yield and yield component characters of castor [*Ricinus communis* L.]. *Trends in Biosciences*, 10(23): 4688-4693.

19. Kugashiya K. G., Patel B. N. and Vekariya K. J. (2017). Study of Heterosis for seed yield and its component traits in castor [*Ricinus communis* L.]. ***International journal of current Microbiology and applied sciences***, 6(8): 66-74.
20. Punewar A. A., Patil A. S., Nandanwar H. R., Patel S. M. and Patel B. N. (2017) Genetic dissection of heterosis and combining ability in castor [*Ricinus communis* L.]. ***Journal of experimental biology and agricultural sciences***, 5(1) : 78-86.
21. Zala M. B., Nikoshe A. P. and Bharpoda T. M. (2016). Evaluation of schedule and threshold based insecticidal application strategies on concentration and active ingredient against sucking pests infesting okra. ***The Bioscan***, 11 (1): 525-530.
22. Zala M. B., Borad P. K., Bharpoda T. M., Bhut J. B. and Bhatt N. A. (2016). Bio-efficacy of agro clean, a bioproduct against sucking insect pests of *Bt* cotton. ***The Journal of Pure and Applied Microbiology***, 10 (4): 2981-2987.
23. Dave P. B., Patel B. N., Patel P. C., Patel M. P. and Patel N. A. (2015). Study of combing ability analysis and gene action for seed cotton yield and its agronomic traits in upland cotton. ***Journal of Cotton Research and Development***, 29(2): 212-217.
24. Zala M. B., Nikoshe A. P. and Bharpoda T. M. (2015). Relative impact of insecticidal applications on population of natural enemies in okra. ***The Bioscan***, 10 (3): 955-958.

(ii) International Journal

1. Sipai S. A., Zala M. B. and Patel P. C. (2022). Knowledge of farmers about use of ICT tools in agricultural development. ***Indian Journal of Agriculture and Allied Sciences***, 8 (3): 5-8.
2. Sipai S. A., Zala M. B. and Patel P. C. (2020). Adoption level of farmers about cultivation practices in cucurbitaceous crops. ***Gujarat Journal Extension Education***, 31 (2): 174-178.
3. Sipai S. A., Zala M. B. and Khadayata K.G. (2019). Impact of farm technology training centre on knowledge of cucurbitaceous growers. ***Gujarat Journal Extension Education***, 30 (2): 133-136.
4. Thumar R. K., Borad P. K., Bharpoda T. M., Patel M. V. and Zala M. B. (2017). Status of pink bollworm, *Pectinophora gossypiella* (Saunders) infesting *Bt* cotton under middle Gujarat conditions. ***GAU Research Journal***, 42 (1): 13-20.
5. Zala M. B., Bharpoda T. M. and Borad P. K. (2016). Occurrence of *Haptoncus* sp. (Coleoptera: Nitidulidae) on *Bt* cotton in Middle Gujarat, ***Current Biotica***, 10 (3): 241-244.
6. Zala M. B., Nikoshe A. P. and Bharpoda T. M. (2016). Evaluation of schedule and threshold based insecticidal application strategies on concentration and active ingredient against sucking pests infesting okra. ***The Bioscan***, 11 (1): 525-530.
7. Zala M. B., Patel B. N. and Vegad N. M. (2016). Report on incidence of Lace wing bug, *Monanthia globulifera* Walker on Sweet Basil (*Ocimum basilicum* L.) in middle Gujarat. ***Current Biotica***, 10 (3): 258-260.
8. Patel H. C., Bharpoda T. M. , Zala M. B. and Borad P. K. (2016). First record of Fruit sucking moth on Tomato (*Lycopersicon esculentum* Miller) in Middle Gujarat. ***Insect Environment***, 21 (4): 58-60.
9. Zala M. B., Patel B. N., Patel J. K. and Vegad N. M. (2015). First report of Spittle bug (Hemiptera: Auchenorrhyncha: Cercopidae) on *Bt* cotton (*Gossypium hirsutum* L.) in Gujarat. ***Insect Environment***, 21 (2&3): 42-43.
10. Bharpoda T. M., Zala M. B., Thumar R. K. and Borad P. K. (2015). First record of Fruit sucking moth on *Bt* cotton (*Gossypium hirsutum* L.) in middle Gujarat. ***Insect Environment***, 21 (1): 5-7.