

Research Paper published (Last 5 years)

International Journal:

1. Gangwar R. K., Thorat S. S., Kacha R. P. and Parmar M. B. (2024). Evaluation of fungicides against false smut disease of rice (*Oryza sativa* L.). *Oryza*, 61(1): 38-45. doi.org/10.35709/ory.2024.61.1.5
2. Thorat S. S., Gangwar R. K. and Parmar M. B. (2023). Efficacy of insecticides against rice white backed plant hopper. *Indian Journal of Entomology*, doi: 10.55446/IJE.2023.503
3. Parmar M. B., Thorat S. S., Gangwar R. K., Patel S. G., Prajapati D. B., Kacha D. J. and Prajapati K. S. (2023). NWGR-13017 (IC637523; INGR21115), a rice (*Oryza sativa* L.) germplasm with resistance to leaf folder. *Indian Journal of Plant Genetic Resources*, 36(3): 459-460.
4. Barad B. D., Parmar K. D., Thorat S. S. and Mohapatra A. R. (2023). Bio-efficacy of some insecticides against hoppers in Rice. *Pesticide Research Journal*, 35(1): 74-79. doi: 10.5958/2249-524X.2023.00012.2
5. Barad B. D., Parmar K. D., Thorat S. S., Litoriya N. S. and Chawla S. (2023). Method validation, household cooking effect on pesticide residues, and evaluation of processing factors in rice. *Journal of Stored Products Research*, 104: 102191.
6. Thorat S. S., Gangwar R. K. and Parmar M. B. (2023). Efficacy of insecticides against rice white backed plant hopper. *Indian Journal of Entomology*, DoI. No.: 10.55446/IJE.2023.503
7. Thorat S. S., Sisodiya D. B. and Gangwar R. K. (2022). Invasive Thrips, *Thrips parvispinus* (Karny) an Invasive Threat: A Review. *Environment and Ecology*, 40(4A): 2170-2175.
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9. Kumari N. and Parmar M. B. (2020). Correlation and path coefficient analysis for grain yield and yield components in rice (*Oryza sativa* L.) under aerobic condition. *International Journal of Chemical Studies*. 8(2): 927-930.
10. Kumari N. and Parmar M. B. (2020). Heritability and Genetic Advance Analysis in Rice (*Oryza sativa* L.) Genotypes under Aerobic Condition. *Int.J.Curr.Microbiol.App.Sci.*, 9(3): 1196-1204.
11. Solanki U. I., Parmar M. B. and Gediya L. N. (2019). Assessment of genetic divergence in rice genotypes under middle Gujarat condition. *Int. J. Chem. Stud.*, 7(3):2825-2828.
12. Gangwar R. K, Jain D., Singh T. P. and Rathore S. S. (2018). Studies on the association of *Fusariumoxysporum* f. sp. *ciceri* with seeds of chickpea. *International Journal of Current Microbiology and Applied Sciences*, 7(8): 894-903.
13. Patil V. M., Thorat S. S., Patel K. G. and Patel Z. P. (2018). Persistence of different insecticides in Chilli fruits. *International Journal of Chemical Studies*, 7(3): 2132-2135.
14. Singh V. D., Gangwar R. K., Kumar R., Guru Prem, Caudhary R. and Kumar A. (2017). To evaluate the efficacy and economics of different pesticides and botanicals for controlling of rice leaf folder (*Cnaphalocrocismedinalis* Guenae) in Ambala. *Progressive Agriculture- An International Journal*, 17(1): 33-36.

15. Prajapati D. B., Amin A. M., Prajapati B. G., Patel N. R., Gupta S. A. and Amin A. U. (2017). Gujarat Dantiwada leafy coriander 1-A new variety for vegetable purpose. *International J. Seed Spices*, 7(1): 68-72.
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19. Prajapati B. G., Prajapati D. B. and Gupta S. A. (2017). Evaluation of different insecticides and botanicals against aphids and leafhoppers infesting fenugreek. *International J. Seed Spices*, 7(2): 50-57.
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1. Thorat S. S., Gangwar R. K., Parmar M. B., Patel S. G. and Kacha D. J. (2023). Bio-efficacy of insecticides against rice yellow stem borer and leaf folder. *Agricultural Research Journal*, 60(5): 699-705. doi: 10.5958/2395-146X.2023.00099.6
2. Senthilraja N., Gangwar R. K. and Borad C. K. (2024). Challenges and Opportunities in Plant Disease Management: A Brief Review. *Madrass Agricultural Journal*, <https://doi.org/10.29321/MAJ.10.000J01>
3. Bhadani M. N., Gangwar R. K. and Math R. (2023). Diseases of Finger Millet and their Management: A Review. *Agriways*, 11(02): 29-36.
4. Patel D., Gangwar R. K. and Prajapati H. N. (2023). Linseed: Important Diseases, Epidemiology and their Management: A Review. *Agriways*, 11(01): 29-34.
5. Dash A., Gangwar R. K. and Mishra D. N. (2022). Evaluation of ready-mix fungicides against grain discolouration of rice. *Agriways*, 10(2):78-83.
6. Bhimani U. H., Gangwar R. K. and Gohel N. M. (2022). Ashwagandha: Importance, Uses, Cultivation, Diseases and their Management: A Review. *Agriways*, 10(2):46-59.
7. Prajapati D. B., Patel D. G., Prajapati B. G. and Amin A.U. (2022). Gujarat Isabgol 4: high stable variety with non-shattering. *Current Agricultural*, 39(3-4): September-December 2022.124-125.
8. Thorat S. S. and Sushil Kumar (2022). Abundance of fruit borer, *Helicoverpa armigera* (hubner) on tomato in relation to weather factors. *Journal of Applied Zoological Researches*, 33(1): 25-32.
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13. Gangwar R. K., Thorat S. S., Parmar M. B. and Patel S. G. (2021). Efficacy of ready-mix fungicides against the sheath rot disease of rice (*Oryza sativa* L.). *Journal of Mycology and Plant Pathology*, 51(2): 34-41.
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15. Prajapati D. B., Parmar M. B., Kacha D. J., Gangwar R. K. and Thorat S. S. (2020). Gujarat Anand Rice 14: A high yielding, medium slender with strong aromatic variety. *The biosacn*, 15(4): 475-481.
16. Gangwar R. K., Thorat S. S., Patel S. G. and Parmar M. B. (2019). Screening of rice genotypes against glume discolouration. *Agriways*, 7(2): 65-68.
17. Parmar M. B., Prajapati D. B., Patel S. G., Kacha D. J. and Makwana N. R. (2019). Mahisagar-A superior early maturing fine grained rice variety with better quality. *GAU'S Research Journal*, 44(4): 65-68.
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23. Chaudhari G. R., Patel S. G. and Kacha D. J. (2017). Popularization of improved variety of rice Mahisagar through frontline demonstrations in Gujarat. *Gujarat J. of Ext. Edu.*, 28(1): 109-111.
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