

Research Paper Published

International Journal :

1. Kadavala J. B., Patel M. B., Parmar, P. K., and Patil Kalyan Rao (2023). Seed ageing physiological, biochemical and molecular basis: A review. *The Pharma Innovations Journal*, 12(4): 1511-1517
2. Patel K. H., Parmar P. K., Patel M. B., Varma H S., Mehta P. V., and Patel N. J. (2023). Production of baby corn hybrid as influenced by Nitrogen and Phosphorus in *Kharif* season: A review. *The Pharma Innovations Journal*, 12(8): 2153-2156
3. Varma H S., Patel M. B., Patel K. H., Parmar P. K., Rathod D. M. and Late Singh S. K. (2023), Integrated disease management for effective control of banded leaf and sheath blight in maize *The Pharma Innovation Journal*, 12(9): 2304-2307
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 Innovations Journal*, 11(8):1468-1472
5. Damor C.B., Chauhan C. D., Rathod D. M. and Hadiya G. D. (2022). Adoption of farmers about pest management in maize crop in panchmahals district. *International Journal of Current Microbiology and Applied Sciences*, Volume 11 :Issue 2 : 19-25
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 army worm, *Spodoptera frugiperda* (J. E.Smith) in Maize. *The Pharma Innovations Journal*, 10 (10) : 398-404
7. Patel K.H., Parmar P. K., Patel M. B., Varma H. S., Singh S. K., Mehta P. V., Patel N. J and Patel V.J. (2021). Production of baby corn hybrid as influenced by nitrogen and phosphorus in *Rabi* season. *The Pharma Innovations Journal*, 10 (12): 712-715
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9. 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 *Int. J. che.Studies*, IJCS 2020; SP-8(4): 100-104 © 2020 IJCS
10. 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*, ISSN: 2319-7706 Volume 9 Number 8 (2020)
11. Meeral Suthar., Zala M.B., Varma H.S., Minaxi Lunagariya, Patel M.B., Patel B.N. and Borad P.K. (2020). Bioefficacy of granular insecticides against fall armyworm, *Spodoptera frugiperda* (JE Smith) in maize. *International Journal of Chemical Studies*, SP-8(4): 174-179
12. 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

13. Parmar P. K., Patel M. B., Singh S. K., Patel K. H., Varma H. S., Parmar H. C., Patel N. J. and Khanorkar S. M. (2019). A New High Yielding Baby Corn Hybrid GAYMH-1 for *Kharif* Cultivation in Peninsular Zone and Central West Zone. *Int.J.Curr.Microbiol.App.Sci*, 8(9): 1025-1030
14. Barad A., Singh S. K., Bhagora G. 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.
15. Barad A., Singh S. K., Bhagora G. and Patel M.B. (2019). Efficacy of different fungicides against *Exserohilum turcicum* causing turcicum leaf blight disease in maize. *Int. J. Curr. Microbiol. App. Sci*, 8(8): 108-114.
16. Patel K. H., Patel M.B., Bhanvadia A. S., Parmar P. K., Singh S. K. and Patel V. J. (2018). Performance of hybrid maize in *Rabi* season with different levels of nitrogen and phosphorus. *Maize Journal*, 7 (2) : 85-89, (April-October-2018)
17. Patel K. H., Parmar P. K., Patel M. B., Singh S. K., Rathod D. M., and Thakker B. N. (2017). Performance of single cross hybrid maize at varying levels of nitrogen and phosphorus under rainfed conditions of middle Gujarat plains. *Maize Journal*, 6 (1 & 2) : 40-46.
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National Journal

1. Rathod D. M., Damor C.B. and Patel K.H. (2021). Effect of frontline demonstrations of knowledge and adoption of maize farmers. *Guj. J. Ext. Edu*, Vol 32. Issue 2.
2. Damor C.B., Rathod D. M. and Chauhan C.D. (2021). Knowledge and Adoption of recommended scientific practices of castor growers about castor cultivation. *Guj. J. Ext. Edu.*, Vol 32. Issue. 1.
3. Rathod D. M., Damor C.B. and Patel K.H. (2020). Knowledge of Trained Maize Famers about recommended maize production technology. *Guj. J. Ext. Edu.*, Vol 31. Issue. 2.
4. Rathod D.M., Patel K.H. and Patel M.B. (2019). Popularization of improved maize hybrids through frontline demonstration in middle Gujarat *Guj. J. Ext. Edu*. Vol 30. Issue. 1.
5. Thakker B.N., Patel K.H. and Singh S.K. (2018). Knowledge and adoption of farmers about scientific cultivation of maize in Panchmahal District. Special issue on “*Extension Strategies for Doubling the Farmer’s Income for Livelihood Security* by *Guj. J. Ext. Edu.*, pp. 190-196.