

## List of Research Paper published

No. of research paper published in scientific journal	International Journal	112
	National Journal	49

### (i) International journal

1. Pavan, J. S., Patel, N.B., Raghunandan, B.L., Baldaniya, A.M. & Bhatt, N. A. (2024). Comparative efficacy of nucleopolyhedrovirus (NPV) alone and in conjunction with chemical insecticides against fall armyworm, *Spodoptera frugiperda* (J.E.Smith) (Noctuidae: Lepidoptera) under laboratory conditions. **International Journal of Tropical Insect Science**, <https://doi.org/10.1007/s42690-024-01258-w>
2. Pavan J. S., Dodiya R. D., Rudra Gouda M. N., Raghunandan B. L., Patel N. B. and Rajarushi C. N. (2024). Report of *Maruca vitrata* (F) nucleopolyhedrovirus. **Indian Journal of Entomology**, Online published Ref. No. e24873 DoI. No.: 10.55446/IJE.2024.1873.
3. Patel H. C., Sisodiya D. B., Patel N. B. and Pawar N. B. (2023). Population fluctuation study of lepidopteran pests through sex pheromone trap. **Biological Forum – An International Journal**, 15(5): 152-156.
4. Chaudhary P. J., Raghunandan B. L., Patel H. K., Mehta P. V., Patel N. B., Sonth B., Dave A., Bagul, S. Y., Divya M., Jain, D., Abdulaziz, A. A. and Kaushik, P. (2023). Plant growth-promoting potential of entomopathogenic fungus *Metarhizium pinghaense* AAUBC-M26 under elevated salt stress in tomato. **Agronomy**, 13(6): 1577-1600.
5. Pawar N. B., Patel H. C., Patel N. B. and Patel C. J. (2023). Impact of transplanting dates and nitrogen levels on the incidence and severity of rice diseases. **The Pharma Innovation Journal**, 12(6): 4241-4247.
6. Pawar N. B., Patel H. C., Patel N. B. and Patel C. J. (2023). Effect of date of transplanting and nitrogen levels on incidence of major insect-pests of rice. **Biological Forum – An International Journal**, 15(5a): 305-311.
7. Mohapatra A. R., Sisodiya D. B., Parmar R. G., Thumar R. K. and Patel N. B. (2023). Evaluation of bio-intensive, chemical intensive and integrated pest management modules against fall armyworm, *Spodoptera frugiperda* (J. E. Smith) infesting maize. **The Pharma Innovation Journal**, 12(9): 513-520.
8. Dabhi M. R., Raghunandan B. L., Patel N. B., Rukhsar and Patel S. R. (2023). Report on the occurrence of cicada, *Platypleura octoguttata* (Hemiptera: Cicadidae) on eucalyptus in Gujarat. **International Journal of Environment and Climate Change**, 13(10): 4157-4160.
9. Prajapati D. R., Patel N. B. and Gohel N. M. (2023). A Review on Entomopathogenic Facet of *Fusarium verticillioides*. **Environment and Ecology**, 41(4): 2365-2374.
10. Pavan J. S., Patel N. B., Raghunandan B. L. and Baldaniya A. M. (2022). Efficacy of Nucleopolyhedrovirus ( $\delta$ NPV) and insecticides alone and in combination against fall

- armyworm, *Spodoptera frugiperda* (J. E. Smith) (Lepidoptera: Noctuidae) infesting maize. ***Biological Forum – An International Journal***, 14(4): 1120-1125.
11. Baldaniya A. M., Patel N. B., Raghunandan B. L. and Pavan J. S. (2022). Influence of weather parameters on the seasonal incidence of mango hopper, *Idioscopus nitidulus* Walker in middle Gujarat. ***Biological forum-An International Journal***, 14(3): 1531-1534.
  12. Patel N. M., Patel N. B. and Raghunandan B. L. (2022). Report of *Novius fumidus* Mulsant (Coccinellidae: Coleoptera); A potential predator of Egyptian cottony cushion scale (*Icerya aegyptiaca* Douglas) infesting *Casuarina equisetifolia* in Gujarat, India. ***Biological Forum – An International Journal***, 14(4): 190-192.
  13. Patel N. M., Patel N. B. and Raghunandan B. L. (2022). Report of Egyptian cottony cushion scale *Icerya aegyptiaca* (Douglas) (Monophlebidae: Hemiptera) on *Casuarina equisetifolia* in Gujarat (India). ***Insect Environment***, 25(4): 528-531.
  14. Patel N. M., Patel N. B. and Raghunandan B. L. (2022). Occurrence of *Cotesia* sp. (Hymenoptera: Braconidae): A larval parasitoid of *Spodoptera litura* (Fabricius) (Lepidoptera: Noctuidae) in castor. ***Insect Environment***, 25(3): 469-471.
  15. Patel N. M., Patel N. B. and Raghunandan B. L. (2022). First report of *Chelonus* sp. (Hymenoptera: Braconidae); an egg larval parasitoid of fall armyworm, *Spodoptera frugiperda* (J. E. Smith) (Lepidoptera: Noctuidae) in Anand, Gujarat, India. ***Insect Environment***, 25(3): 465-468.
  16. Patel N. M., Patel N. B. and Raghunandan B. L. (2022). A First host record of false chinch bug, *Nysius inconspicuus* (Hemiptera: Lygaeidae) on sesame in Anand (Gujarat, India). ***Insect Environment***, 25(3): 462-464.
  17. Patel N. B., Bhagora J. K., Raghunandan B. L. and Patel N. M. (2022). First report of new invasive thrips, *Thrips parvispinus* (Karny) (Thripidae: Thysanoptera) in chilli fields of Umreth in Anand District of Gujarat state. ***International Journal of Environment and Climate Change***, 12(3): 73-78.
  18. Patel P. H., Sisodiya D. B., Raghunandan B. L., Patel N. B., Patel D. R. and Chavda K. M. (2021). Survey and surveillance of fall armyworm, *Spodoptera frugiperda* (J. E. Smith) and its associated natural enemies (Lepidoptera: Noctuidae) in maize in Anand district of Gujarat. ***Journal of Biological Control***, 35(3): 234-246.
  19. Patel N. B., Raghunandan B. L., Patel N. M. and Sivakumar G. (2021). Field efficacy of biocontrol agents against shoot and fruit borer, *Earias vittella* (Fabricius) (Lepidoptera: Noctuidae) in okra. ***Journal of Biological Control***, 35(3): 196-204.
  20. Raghunandan B. L., Patel N. M. and Patel N. B. (2021). Diversity of spiders in paddy ecosystem of middle Gujarat. ***Biological Forum - An International Journal***, 13(4): 1141-1144.
  21. Raghunandan B. L., Patel N. M. and Patel N. B. (2021). Diversity of spiders in paddy ecosystem of middle Gujarat. ***Biological Forum – An International Journal***, 13(4): 1141-1144.
  22. Raghunandan B. L., Kapadiya T. B., Patel, N. B., Patel N. M. and Mehta D. M. (2020). Efficacy of different entomopathogenic fungi against mango hoppers in middle Gujarat. ***International Journal of Current Microbiology and Applied Sciences***, 9(8): 2310-2316.

23. Patel P. H., Sisodiya D. B., Raghunandan B. L., Patel N. B., Gohel V. R. and Chavada K. M. (2020). Bio-efficacy of entomopathogenic fungi and bacteria against invasive pest *Spodoptera frugiperda* (J.E. Smith) under laboratory condition. ***Journal of Entomology and Zoology Studies***, 8(6): 716-720.
24. Patel H. C., Borad P. K. and Patel, N. B. (2020). Determination of economic injury and threshold level of *Maruca vitrata* (Geyer) in green gram. ***International Journal of Current Microbiology and Applied Sciences***, 9(9): 3211-3215.
25. Patel N. B., Bhatt N. A. and Patel C. C. (2020). Effect of weather parameters on incidence of brinjal mite, *Tetranychus urticae* Koch and its predatory mite, *Amblyseius alstoniae* Gupta. ***Journal of Pharmacognosy and Phytochemistry***, 9(4): 3095-3099.
26. Patel N. B., Thumar R. K. and Patel C. C. (2020). Efficacy of different bio-pesticides against brinjal mite, *Tetranychus urticae* Koch. ***Journal of Entomology and Zoology Studies***, 8(3): 1049-1053.
27. Kapadiya T. B., Patel N. B., Raghunandan B. L., Dave, H. J., Patel N. M. and Mehta D.M. (2019). Bio-Intensive Pest Management of *Helicoverpa armigera* (Hübner) Hardwick in tomato under middle Gujarat conditions. ***Indian Journal of Applied Entomology***, 33(2): 95-100.
28. Patel N. M and Mehta D. M. (2019). Bio-efficacy of insecticides against tomato pinworm, *Tuta absoluta* (Meyrick). ***Journal of Entomology and Zoology Studies***, 7(4): 732-734.
29. Raghunandan B. L., Patel N. M., Dave, H. J. and Mehta D. M. (2019). Natural occurrence of nucleopolyhedrovirus infecting fall armyworm, *Spodoptera frugiperda* (J. E. Smith) (Lepidoptera: Noctuidae) in Gujarat. ***Journal of Entomology and Zoology Studies***, 7(2): 1040-1043.
30. Raghunandan B. L., Patel M.V., Patel N. M. and Mehta D. M. (2019). Bio-efficacy of different biological control agents for the management of chilli fruit rot/ anthracnose disease. ***Journal of Biological Control***, 33(2): 163-168.
31. Raghunandan B. L., Godhani P. H., Patel M. V., Patel N. M. and Mehta D. M. (2018). Field evaluation of microbial bio-pesticides for the management of sucking pests in *Bt* cotton. ***Journal and Entomology and Zoology Studies***, 6(4): 994-998.
32. Sisodiya D. B. Raghunandan, B. L. Bhatt N. A., Verma H. S., Shewale C. P., Timbadiya B. G. and Borad P. K. (2018). The fall armyworm, *Spodoptera frugiperda* (J.E. Smith) (Lepidoptera: Noctuidae); first report of new invasive pest in maize fields of Gujarat, India. ***Journal and Entomology and Zoology Studies***, 6(5): 2089-2091.
33. Patel N. B., Korat D. M. and Acharya R. R. (2017). Impact Evaluation of Cow-Urine and Vermiwash on Insect Pests of Brinjal. ***International Journal of Tropical Agriculture***. 35(3): 591-595.
34. Raghunandan B. L., Godhani P. H. and Sachin M Chavan. (2017). Tribal Sub Plan: A special reference to biological interventions to enhance crop production and productivity in tribal area of Tapi district in Gujarat. ***Trends in Bioscience***, 10(48): 9646-9648.

35. Patel N. M. and Godhani P. H. (2017). Impact of synthetic insecticides on natural enemies of aphid, *Lipaphis erysimi* (Kaltenbech.) in cauliflower. ***Trends in Biosciences***, 10(40): 8484-8487.
36. Patel N. M. and Godhani P. H. (2017). Population dynamics of aphid, *Lipaphis erysimi* and natural enemy in cauliflower and its correlation with weather parameters. ***Trends in Biosciences***, 9(9): 552-555.
37. Patel N. M., Godhani P. H. and Gohel V. R. (2017) Bionomics of aphid, *Lipaphis erysimi* on cauliflower. ***The Bioscan***, 12(1): 125-128.
38. Patel N. M. and Godhani P. H. (2017). Bio-efficacy and economics of different insecticides against aphid, *Lipaphis erysimi* (Kaltenbach) on cauliflower. ***Advances in Life Sciences***, 6(1): 24-30.
39. Patel B. K.; Korat D. M. and Patel H. M. (2011). Nature of damage caused by oleander aphid on dodi, *Leptadenia reticulata* (Retz.) Wight and Aruott, its alternate hosts and predators in Gujarat. ***Insect Environment***, 16(4): 163.
40. Dabhi M. R., Korat D. M. and Borad P. K. (2011). Evaluation of rearing devices of rice moth, *Corcyra cephalonica* Stainton in relation to *Bracon hebetor* Say. ***Insect Environment***, 16(4): 147-148.
41. Dabhi M. R., Korat D. M. and Borad P. K. (2011). Seasonal abundance of *Bracon hebetor* Say in relation to temperature and relative humidity. ***Insect Environment***, 16(4): 149-150.
42. Patel B. H., Koshiya D. J., Korat D. M. and Vaishnav P. R. (2010). Significance of irrigation intervals and nitrogen levels in management of chilli thrips, *Scirtothrips dorsalis* Hood. ***Indian Journal of Applied Entomology***, 24(1): 93-95.
43. Dike S. S., Patel V. J., Korat D. M. and Mehta A. M. (2010). Preliminary field evaluation of insecticides against yellow stem borer, *Scirpophaga incertulus* (Walker) infesting rice. ***Insect Environment***, 16(1): 3-5.
44. Korat D. M., Chakraborty D. and Dabhi M. R. (2010). Bio-intensive approaches in suppression of *Helicoverpa armigera* (Hübner) in Gujarat. ***Green Farming***, 1(1): 102-105.
45. Dabhi M. R., Korat D. M. and Borad P. K. (2010). Stage of host preferred by the females of *Bracon hebetor* Say for oviposition. ***Insect Environment***, 16(3): 104-106.
46. Dabhi M. R., Korat D. M. and Borad P. K. (2010). Influence of food on the longevity of *Bracon hebetor* Say. ***Insect Environment***, 16(3): 99-100.
47. Dabhi M. R. and Korat D. M. (2010). Copulation and paralyzing behaviour of *Bracon hebetor* Say. ***Insect Environment***, 16(2): 59.
48. Dabhi M. R. and Korat D. M. (2010). Host preference and site of oviposition by females of *Bracon hebetor* Say. ***Insect Environment***, 16(2): 55-57.
49. Dabhi M. R., Korat D. M. and Borad P. K. (2010). Influence of light sources in attracting adults of *Bracon hebetor* Say (Braconidae: Hymenoptera). ***Insect Environment***, 16(2): 57-58.
50. Dabhi M. R., Korat D. M. and Borad P. K. (2010). Influence of colour on the oviposition behaviour of *Bracon hebetor* Say. ***Insect Environment***, 16(2): 53-54.

51. Patel B. H., Godhani P. H. and Korat D. M. (2010). Efficacy of biosoft *Beauveria bassiana* (Bals.) Vuill against diamond back moth, *Plutella xylostella* (L.) on cabbage. ***Indian Journal of Applied Entomology***, 24(1): 36-39.
52. Patel S. K., Patel B. H. and Korat D. M. (2010). Effect of organic manures and its combination with inorganic fertilizers on insect pests infesting cowpea. ***Indian Journal of Applied Entomology***, 24(1): 27-31.
53. Chakraborty D. and Korat D. M. (2010). Toxicity of some Bio-pesticides to green lacewing, *Chrysoperla carnea* Stephens. ***Insect Environment***, 15(3): 141-142.
54. Korat D. M. and Dabhi M. R. (2009). Progress in work of *Hirsutella thompsonii* Fisher in India. ***International Journal of Plant Protection***, 2: 287-290.
55. Korat D. M. and Dabhi M. R. (2009). Role of *Cassia occidentalis* L. in encouraging the population of *Trichogramma* wasps. ***International Journal of Plant Protection***, 2: 284-286.
56. Patel C. S., Jani J. J., Parekh V. B., Darji V. B. and Vaishnav P. R. (2009). Genetic diversity and differentiation of *Helicoverpa armigera* nuclear polyhedrosis virus isolates from India. ***Phytoparasitica***, 37: 407-413.
57. Patel H. K., Jani J. J. and Vyas H. G. (2009). Isolation and characterization of Lepidopteran specific *Bacillus thuringiensis*. ***International Journal of Integrative Biology***, 6(3): 121.
58. Patel V. J., Dodia J. F., Korat D. M., Mehta A. M. and Pathak A. R. (2008). Reaction of some promising genotypes of rice to leaf folder incidence and yield potential in middle Gujarat. ***Insect Environment***, 14(2): 81-85.
59. Korat D. M. and Chakraborty D. (2008). Progress in work of genetic improvement of parasitoids and predators in India. ***Green Farming***, 1(9): 44-46.
60. Korat D. M. and Dabhi M. R. (2008). Use of biocontrol agents for suppressing insect pests in Gujarat. ***Green Farming***, 1(4): 34-36.
61. Korat D. M., Chougule P. A. and Dabhi M. R. (2008). Efforts to conserve and encourage the natural enemies of crop pests in Gujarat. ***Green Farming***, 1(5): 25-28.
62. Korat D. M. and Dabhi M. R. (2008). Vermiwash as plant growth promoter. ***Green Farming***, 1(6): 52.
63. Korat D. M., Chougule P. A. and Nikam N. D. (2008). *Parthenium hysterophorus* L.- A new host of *Spodoptera litura* Fab. in Gujarat. ***Insect Environment***, 13(4): 172.
64. Korat D. M., Chakraborty D. and Dabhi M. R. (2008). Role of Biocontrol in relation to food production of cash crops. ***Green Farming***, 2(1): 58-60.
65. Bhatt N. A., Patel A. R. and Jani J. J. (2008). Bio-efficacy of *Spodoptera litura* nuclear polyhedrosis virus against leaf eating caterpillar in bidi tobacco nursery. ***Research on Crops***, 9(2): 476-477.
66. Jani J. J., Patel H. H., Patel D. J., Vaishnav P. R. and Darji V. B. (2008). Isolation of native *Bacillus thuringiensis* from the agricultural soil of kheda district of Gujarat state. ***Research on Crops***, 9(2): 456-463.
67. Dalwadi M. M., Korat D. M. and Tank B. D. (2007). Population dynamics of major insect pests of Indian bean in relation to weather parameters. ***Research on Crops***, 8(3): 672-677.

68. Dalwadi M. M., Korat D. M. and Tank B. D. (2007). Screening of some genotypes / cultivars of Indian bean for its resistance against major insect pests. ***Research on Crops***, 8(3): 797-799.
69. Korat D. M. and Dabhi M. R. (2007). Eco-friendly approaches to manage pests of fruit crops in Gujarat. ***Green Farming***, 1(1): 52-53.
70. Korat D. M. and Dabhi M. R. (2007). Eco-friendly approaches to manage pests of vegetable crops in Gujarat. ***Green Farming***, 1(2): 37-38.
71. Korat D. M., Dabhi M. R. and Chougule P. A. (2007). A glimpse of entomopathological research in Gujarat. ***Green Farming***, 1(3): 25-28.
72. Bhatt N. A., Borad P. K., Darji V. B. and Jani J. J. (2007) Bio-efficacy of botanicals against *Uroleucon compositae* (Theobald) (Homoptera: Aphididae) infesting *Gaillardia pulchella* Foug. ***Journal of Aphidology***, 21(1&2): 51-54.
73. Bhatt N. A., Borad P. K., Darji V. B. and Jani J. J. (2007). Population Fluctuation of *Uroleucon compositae* (Theobald) (Homoptera: Aphididae) on *Gaillardia pulchella* Foug. in relation to biotic and abiotic factors. ***Journal of Aphidology***, 21(1&2): 55-58.
74. Bharpoda T. M., Koshiya D. J. and Korat D. M. (2007). Varietal susceptibility and mechanism of resistance in aonla, *Embllica officinalis* Gaertn to apical twig gall maker *Betousa stylophora* Swinhoe. ***Indian Journal of Entomology***, 69(3): 230-233.
75. Komala Devi P., Yadav D.N. and Jha Anand (2002). Role of *Nesidiocoris tenuis* Reutr. (Hemiptera: Miridae) in natural suppression of tomato fruit borer, *H. armigera* Hübner (Lepidoptera: Noctuidae). ***Pest Management in Horticultural Ecosystem***, (8): 109-113.
76. Yadav D. N., Jha Anand and Komala Devi P. (2001). *Trichogramma chilonis* Ishii (Hymenoptera: Trichogrammatidae) from the eggs of *Plutella xylostella* (Lepidoptera: Plutellae) from Gujarat. ***The Indian Journal of Agricultural Sciences***, 71(1): 69-70.
77. Pathak S. K. and Yadav D. N. (2000). Biology of *Eublemma scitula* Ramb. (Lepidoptera: Noctuidae), a predator of brown scale, *Saissetia coffeae* Wlk. (Homoptera: Coccidae) infesting pointed gourd, *Trichosanthes dioica* Roxb. ***Journal of Entomological Research***, 24(2): 167-175.
78. Parasara B. A., Parasharya B. M. and Yadav D. N. (1998). Studies on the nestling food of the bank Myna *Acridotheres ginginianus* (Latham). ***Pavo -The Indian Journal of Ornithology***, 38(182): 37-42.
79. Patil Y. R. Yadav D. N. and Pathak H. C. (1997). Heterosis in green lacewings, *Chrysoperla carnea* Step. (Neuroptera: Chrysopidae). ***Annals of Plant Protection Sciences***, 5(1): 48-52.
80. Patel I. S. and Yadav D. N. (1997). Cross-resistance of monocrotophos resistant strain of green-lacewing (*Chrysopa scelestes*). ***Indian Journal of Agricultural Sciences***, 67(2): 33-34.
81. Patel I. S. and Yadav D. N. (1995). Toxicity of three insecticides to jassids and its predator *Chrysopa scelestes*. ***The Journal of Agricultural Sciences***, 65(4): 308-309.
82. Dhulia F. K. and Yadav D.N. (1994). Observations on the biology of *Oxyopes ratnae* Tikader (Arachnida: Oxyopidae) occurring in cotton. ***Journal of Biological Control***, 8(2): 94-97.

83. Patel M. S., Yadav D. N. and Rai A. B. (1994). Neemark (Azadirachtin) as ovipositional deterrent against cotton pests. *Pestology*, 18(8): 17-19.
84. Parasharya B. M., Dodia J. F., Mathew K. L. and Yadav D. N. (1994). Natural regulation of white grub *Holotrichia* sp. by birds on agro-ecosystem. *Journal of Bioscience*, 19(4): 381-389.
85. Vyas R. V., Patel J. J., Godhani P. H. and Yadav D. N. (1993). Laboratory evaluation of green muscardine fungi against mango hopper *Amritodus atkinsoni* L. *The Indian journal of Agricultural Sciences*, 63(9): 602-603.
86. Vyas R. V. and Yadav D.N. (1993). *Steinernema glaseri* (Steiner) travassos a biological control agent of root grub. *Holotrichia consanguinea* Blanchard. *Pakistan Journal of Nematology*, 11(1): 41-44.
87. Jani J. J. Vyas R. V. and Yadav D. N. (1993). A new rickettsia like organism associated with white grubs (Coleoptera: Carabidae). *Current Science*, 65(9): 720-721.
88. Patel R. K. and Yadav D. N. (1992). Impact of inter-cropping marigold on *Heliothis armigera* (Hüb.) and its natural enemies in seed crop of tobacco. *Nicotine & Tobacco Research*, 18(1 & 2): 65-72.
89. Vyas R. V., Jani J. J. and Yadav D. N. (1992). Effect of some pesticides on entomogenous muscardine fungi. *The Indian Journal of Experimental Biology*, 30(5): 435-436.
90. Vyas R. V. and Yadav D. N. (1992). Effectivity of entomopathogenic nematodes *Steinernema glaseri* to two soil dwelling Lepidopterans. *Annals of Biology*, 8(1): 59-63.
91. Jani J. J., Vyas R. V. and Yadav D.N. (1992). Isolation of a new pathogen *Bacillus thuringiensis* var. *galleriae* from *Catopsilia pyranthe* L. - A serious pest of *Cassia angustifolia* Vahl. *Journal of Nuclear Agriculture and Biology*, 21(3): 275-276.
92. Patel J. R., Yadav D. N., Mathew, K. L. and Parasharya B. M. (1992). The food of nesting Brahminy myna, *Sturnus pagodarum* (Gmelin). *Pavo - The Indian Journal of Ornithology*, 109-117.
93. Vyas R. V., Yadav D. N. and Patel R. J. (1991). Mass production of entomopathogenic fungus, *Beauveria brongniarti* on solid substrate. *The Indian Journal of Experimental Biology*, 29: 795-797.
94. Vyas R. V., Yadav D. N. and Patel R. J. (1991). Efficiency of *Bacillus popilliae* var. *holotrichiae* against white grub (*Holotrichia consanguinea*). *The Indian Journal of Agricultural Sciences*, 61(1): 80-81.
95. Patel H. M. and Yadav D.N. (1991). Occurrence of mottle emigrant *Catopsilia pyranthe* (Lepidoptera: Pyridae) and its natural enemies at Anand. *The Indian Journal of Agricultural Sciences*, 61(10): 789-791.
96. Patel K. C., Vyas R. V. and Yadav D. N. (1991). Distribution of milky disease and green muscardine disease of white grub in central Gujarat. *Journal of Biological Control*, 5(2): 101-104.
97. Dhulia F. K. and Yadav D. N. (1991). Occurrence of some predatory spiders on hybrid cotton in Anand (Gujarat). *Journal of Biological Control*, 5(1): 48-49.
98. Vyas R. V.; Yadav D. N. and Patel R. J. (1990). Studies on the efficacy of *Beauveria brongniartii* against white grub. *Annals of Biology*, 6(1): 123-128.

99. Joshi B. C. and Yadav D. N. (1990). Bionomics and feeding potential of *Mallada boninensis* Okamoto - a new chrysopid predator of whitefly, *Bemisia tabaci* Genn. ***Journal of Biological Control***, 4(1): 18-21.
100. Vyas R. V., Yadav D. N. and Patel R. J. (1990). Compatibility of *Beauveria brongniartii* with some pesticides used in groundnut pest management. ***Annals of Biology***, 6(1): 21-26.
101. Vyas R. V., Yadav D. N. and Dodia J. F. (1988). Transmission of nuclear polyhedrosis virus of *Heliothis armigera* (Lepidoptera: Noctuidae) through insectivorous birds. ***The Indian Journal of Agricultural Sciences***, 58(8): 664-665.
102. Vyas R. V., Parasharya B. M. and Yadav D. N. (1988). Dispersal of milky disease organism - *Bacillus popilliae* var. *holotrichiae* of white grub (*Holotrichia consanguinea*) through birds. ***The Indian Journal of Agricultural Sciences***, 58(3): 243-244.
103. Parasharya B. M., Dodia J. F., Yadav D. N. and Patel R. C. (1988). Effect of bird predation and egg parasitism on castor semilooper, *Achaea janata* (Lepidoptera: Noctuidae) in Gujarat. ***Journal of Biological Control***, 2(2): 80-82.
104. Patel K. C., Joshi D. P., Vyas H. G. and Yadav D. N. (1986). Green muscardine disease of white grub in Gujarat, ***Indian Journal of Microbiology***, 26, 160-161.
105. Vyas H. G., Joshi D. P., Patel K. C., Yadav D. N. and Dodia J. F. (1986). Natural incidence of milky disease of white grubs in Gujarat. ***The Indian Journal of Agricultural Sciences***, 56(3): 213-214.
106. Parasharya B. M., Dodia J. F., Yadav D. N. and Patel R. C. (1986). Sarus crane damage to paddy crop. ***Pavo -The Indian Journal of Ornithology***, 24(1 & 2): 87-90.
107. Yadav D. N. (1985). Influence of nectar on the effectiveness of *Bracon brevicornis* an ecto larval parasite of *Opisina arenosella*. ***Current Science***, 54(17): 877-878.
108. Yadav D. N., Patel R. C. and Patel D. S. (1985). Impact of inundative release of *Trichogramma chilonis* Ishii against *Heliothis armigera* (Hüb.) in Gujarat. ***Journal of Entomological Research***, 9(2): 153-159.
109. Joshi S. D. and Yadav D. N. (1984). Observations on the biology and behaviour of *Apanteles beneficus* Vierck. (Hymenoptera: Braconidae) - an endo-larval parasite of *Spodoptera litura* L. ***Journal of the Institute of Agriculture and Animal Science***, 5: 63-93.
110. Mistry, Anita; Yadav, D. N.; Patel, R. C. and Parmar, B. R. (1984). Field evaluation of nuclear polyhedrosis virus against *Heliothis armigera* Hüb. (Lepidoptera: Noctuidae) in Gujarat. ***Indian Journal of Plant Protection***, 12(1): 31-32.
111. Yadav D. N., Patel R. C. and Patel K. A. (1983). Massive killing of *Chrysopa* sp. due to ignorance of its beneficial role. ***Indian Journal of Plant Protection***, 11(1): 101.
112. Yadav D. N., Patel R. C. and Patel D. S. (1981). Seasonal activity of *Campoletis chlorideae* Uchida a larval parasite of *Heliothis armigera* Hüb. (Lepidoptera : Noctuidae) in Anand (Gujarat). ***Journal of Entomological Research***, 6(2): 175-178.

**(ii) National journal**



1. Chaudhari P., Dabhi M. R., Patel N. B. and Raghunandan B. L. (2022). Predatory efficiency of *Chrysoperla zastrowi sillemi* (Esben-Peterson) on different hosts. ***Frontiers in Crop Improvement***, 10(1): 307-309.
2. Baldaniya A. M., Raghunandan B. L. and Patel N. B. (2022). Biopesticides- An eco-friendly approach for pest management. ***Krishi Science e-Magazine for Agricultural Sciences***, 3(1), 9-12.
3. Baldaniya A. M., Patel N. B. and Raghunandan B. L. (2022). Nano urea: a better substitute of urea. ***Krishi Science e-Magazine for Agricultural Sciences***, 3(1), 6-8.
4. Chakraborty D. and Korat D. M. (2010). Feeding efficiency of green lace wing, *Chrysoperla carnea* (Stephens) on different species of aphids. ***Karnataka Journal of Agricultural Sciences***, 23(5): 793-794.
5. Godhani P. H., Patel, R. M., Patel Bhaskar H. Jani J. J.; Yadav D. N.; Korat D. M. and Patel B. H. (2010). Evaluation of bio-intensive pest management (BIPM) modules in cotton. ***GAU Research Journal***, 35(1): 35-39.
6. Patel S. K., Patel B. H., Korat D. M. and Dabhi M. R. (2010). Seasonal incidence of major insect pests of cowpea, *Vigna unguiculata* (Linn.) Walpers in relation to weather parameters. ***Karnataka Journal of Agricultural Sciences***, 23(3): 497-499.
7. Chakraborty D. and Korat D. M. (2010). Biology of green lacewing, *Chrysoperla carnea* (Stephens) in middle Gujarat conditions. ***Karnataka Journal of Agricultural Sciences***, 23(3): 500-502.
8. Shamim M., Shekh A. M., Patel V. J., Dodia J. F., Korat D. M. and Mehta A. M. (2009). Effect of weather parameters on population dynamics of green leaf hopper and white backed plant hopper in paddy grown in middle Gujarat region. ***Journal of Agrometeorology***, 11(2): 172-174.
9. Bharpoda T. M., Koshiya D. J. and Korat D. M. (2009). Seasonal occurrence of insect-pests on aonla (*Emblica officinalis* Geartn) and their natural enemies. ***Karnataka Journal of Agricultural Sciences***, 22(2): 314-318.
10. Patel B. H. Koshiya D. J., Korat D. M. and Vaishnav P. R. (2009). Evaluation of some insecticides against chilli thrips, *Scirtothrips dorsalis* Hood. ***Karnataka Journal of Agricultural Sciences***, 22(2): 327-330.
11. Dabhi M. R., Mehta D. M., Patel C. C. and Korat D. M. (2009). Life table of diamondback moth, *Plutella xylostella* (Linnaeus) on cabbage (*Brassica oleraceae* var. *capitata* L.). ***Karnataka Journal of Agricultural Sciences***, 22(2): 319-321.
12. Patel V. J., Dodia J. F., Mehta A. M. and Korat D. M. (2009). Evaluation of integrated module against paddy leaf folder, *Cnaphalocrosis medinalis* Guen. in middle Gujarat conditions. ***Karnataka Journal of Agricultural Sciences***, 22(1): 218-219.
13. Patel R. M., Godhani P. H., Patel B. H., Jani J. J., Yadav D. N., Korat D. M. and Patel B. H. (2009). Field evaluation of inundative release of *Chrysoperla carnea* (Stephens) against pest complex of cotton. ***GAU Research Journal***, 34(2): 120-123.
14. Patel B. H., Koshiya D. J. and Korat D. M. (2009). Population dynamics of chilli thrips, *Scirtothrips dorsalis* Hood in relation to weather parameters ***Karnataka Journal of Agricultural Sciences***, 22(3): 108-110.

15. Godhani P. H., Patel R. M., Jani J. J., Yadav D. N., Korat D. M. and Patel B. H. (2009). Impact of habitat manipulation on insect pests and their natural enemies in hybrid cotton. *Karnataka Journal of Agricultural Sciences*, 22(3): 104-107.
16. Tank B. D., Korat D. M. and Dabhi M. R. (2008). Seasonal abundance of *Cheilomenes sexmaculata* (Fab) in middle Gujarat condition. *Karnataka Journal of Agricultural Sciences*, 21(3): 453-455.
17. Dalwadi M. M., Korat D. M. and Tank B. D. (2008). Bio-efficacy of some botanical insecticides against major insect pests of Indian bean. *Karnataka Journal of Agricultural Sciences*, 21(2): 295-296.
18. Patel R. M., Godhani, P. H., Patel, B. H., Jani J. J., Yadav D. N., Korat D. M. and Patel B. H. (2008). Influence of imidacloprid as seed treatment on natural enemies of insect pests infesting *Bt* cotton. *GAU Research Journal*, 33(1-2): 34-38.
19. Adilakshmi A., Korat D. M. and Vaishnav P. R. (2008). Effect of organic manures and inorganic fertilizers on the incidence of insect pests infesting okra. *Karnataka Journal of Agricultural Sciences*, 21(2): 287-289.
20. Adilakshmi A., Korat D. M. and Vaishnav P. R. (2008). Bio-efficacy of some botanical insecticides against pests of okra. *Karnataka Journal of Agricultural Sciences*, 21(2): 290-292.
21. Patel D. B., Borad P. K. and Korat D. M. (2007). Bionomics and behaviour of mango leaf webber, *Orthaga eqadrasalis* Walker. *Karnataka Journal of Agricultural Sciences*, 20(3): 644-647.
22. Tank B. D. Korat D. M. and Borad P. K. (2007). Determination of dominant species of predatory coccinellid in Anand region of Gujarat. *Karnataka Journal of Agricultural Sciences*, 20(3): 637-638.
23. Tank B. D., and Korat D. M. (2007). Biology of ladybird beetle, *Cheilomenes sexmaculata* (Fab) in middle Gujarat conditions. *Karnataka Journal of Agricultural Sciences*, 20(3): 634-636.
24. Tank B. D. and Korat D. M. (2007). Influence of weather parameters on population of *Cheilomenes sexmaculata* (Fab). *Karnataka Journal of Agricultural Sciences*, 20(3): 642-643.
25. Tank B. D. and Korat D. M. (2007). Relative toxicity of some insecticides against *Cheilomenes sexmaculata* (Fab) in laboratory. *Karnataka Journal of Agricultural Sciences*, 20(3): 639-641.
26. Patel M. C., Chauhan N. B. and Korat D. M. (2007). Consequence of Farmers' attributes on their attitude towards IPM strategy. *Karnataka Journal of Agricultural Sciences*, 20(4): 797-799.
27. Patel M. C., Chauhan N. B. and Korat D. M. (2007). Development of technique to measure attitude of farmers towards IPM. *Karnataka Journal of Agricultural Sciences*, 20(4): 876-877.
28. Patel D. B., Borad P. K. and Korat D. M. (2007). Bionomics and behaviour of mango leaf webber, *Orthaga eqadrasalis* Walker. *Karnataka Journal of Agricultural Sciences*, 20(3): 644-647.

29. Patel M. C., Chauhan N. B. and Korat D. M. (2007). Development of technique to measure attitude of farmers toward Integrated Pest Management. *Karnataka Journal of Agricultural Sciences*, 20 (4): 876-877.
30. Patel M. C. Chauhan N. B. and Korat D. M. (2007). Consequence of farmers' attributes on their attitude toward Integrated Pest Management strategy. *Karnataka Journal of Agricultural Sciences*, 20 (4): 797-799.
31. Tank B. D. and Korat D. M. (2007). Influence of weather parameters on population of *Cheilomenes sexmaculata* (Fab). *Karnataka Journal of Agricultural Sciences*, 20(3): 642-643.
32. Tank B. D. and Korat D. M. (2007). Relative toxicity of some insecticides against *Cheilomenes sexmaculata* (Fab) in laboratory. *Karnataka Journal of Agricultural Sciences*, 20(3): 639-641.
33. Tank B. D. and Korat D. M. (2007). Biology of ladybird beetle, *Cheilomenes sexmaculata* (Fab) in middle Gujarat conditions. *Karnataka Journal of Agricultural Sciences*, 20(3): 634-636.
34. Tank B. D., Korat D. M. and Borad P. K. (2007). Determination of dominant species of predatory coccinellid in Anand region of Gujarat. *Karnataka Journal of Agricultural Sciences*, 20(3):637-638.
35. Yadav D. N., Mathew K. L. and Jha Anand (2001 & 02). In Situ conservation of arthropod natural enemies of crop pests. *GAU Research Journal*, 27(1&2): 24-29.
36. Yadav D. N. and Jha Anand (2003). Encouraging *Trichogramma* spp. (Hymenoptera: Trichogrammatidae) by providing alternate host and its impact on population of *Earias vittella* (Fab.) in cotton, *Pest Management and Economic Zoology*. 11(2): 193-197.
37. Vyas R. V.; Yadav D. N. and Patel R. J. (1991). Studies on mass production of *Bacillus popilliae* var. *holotrichiae* a promising pathogen of white grub in Gujarat. *GAU Research Journal*, 17(1): 30-37.
38. Patel A. G.; Yadav D. N. and Patel R. C. (1988). Improvement in the mass rearing techniques of lacewing, *Chrysopa scelestis* Banks (Neuroptera: Chrysopidae). *GAU Research Journal*, 14(1): 1-4.
39. Patel A. G., Yadav D. N. and Patel R. C. (1988). Effect of low temperature storage on *Campoletis chlorideae* Uchida (Hymenoptera: Ichneumonidae) an important endo-larval parasite of *Heliothis armigera* Hübner, *GAU Research Journal*, 14(1): 79-80.
40. Yadav D. N., Patel R. C. and Patel R. R. (1987). Natural enemies of groundnut leaf miner, *Aproaerema modicella* and their impact on its infestation in Anand, Gujarat, India. *GAU Research Journal*, 13(1): 13-16.
41. Patel H. M., Yadav D. N., Parasharya B. M. and Patel R. C. (1987). Predation of *Catopsilla* in *Senna Cassia angustifolia* by birds and wasp. *The Journal of the Bombay Natural History Society*, 84(2): 452-454.
42. Patel R. C., Dodia J. F., Patel A. G. and Yadav D. N. (1987). Management of Gujarat Hairy Caterpillar, *Amsacta moorei* But. by ultra violet light trap. *GAU Research Journal*, 12(2): 59-61.
43. Dodia J. F., Yadav D. N. and Patel R. C. (1986). Management of fruit sucking moth, *Othreis fullonia* in citrus orchards in Anand. *GAU Research Journal*, 11(2): 72-73.

44. Patel R. C., Yadav D. N., Dodia J. F. and Patel A. R. (1986). On the occurrence of *Syatole albipennis* (Hymenoptera: Eurytomidae) infesting fennel in Gujarat. **GAU Research Journal**, 12(1): 51-52.
45. Yadav D. N. and Patel R. C. (1986). Studies on seasonal abundance of *Heliothis armigera* on different host plants at Anand (Gujarat). **GAU Research Journal**, 11(2): 32-35.
46. Yadav D. N. and Dhamalia H. R. (1986). Natural enemies of *Opsima arenosella* in Gujarat. **Indian Coconut Journal**, 16(2): 9-10.
47. Patel R. C., Yadav D. N. and Sharma P. U. (1982). *Bracon hebetor* Say infesting laboratory culture of rice grain moth, *Corcyra cephalonica* and its effectiveness in grain godown. **GAU Research Journal**, 7(2): 121.
48. Yadav D. N. and Patel R. C. (1981). Egg parasitism of *Heliothis armigera* Hüb. (Lepidoptera: Noctuidae) in Gujarat. **GAU Research Journal**, 7(1): 19-22.
49. Yadav D. N. (1980). Studies on the natural enemies of *Heliothis armigera* and its biological control using an egg parasite, *Trichogramma australicum*. **GAU Research Journal**, 6(1): 1-5.