

## List of Research Paper published

No. of research paper published in scientific journal	International Journal	3
	National Journal	9

### (i) International Journal

1. Choudhary R. N., Suthar K. J., Patel C. J., Bumbadiya N. R. and Jadav N. J. (2023). Effects of levels of nitrogen and seed rate on yield and yield attributes of durum wheat under restricted irrigation in rainfed condition of *Bhal* region of Gujarat. *The Pharma Innovation Journal*, 12 (2): 1306-1311.
2. Nayak M. K., Singh R., Kumar A., Singh S. and Patil D. D. (2021). Sensitivity analysis of CERES-wheat model under Hisar Conditions. *International Journal of Current Microbiology and Applied Sciences*, 10 (09): 2319-7706.
3. Patel C. J., Patel A. R., Vasava N. M. and Bumbadiya N. R. (2019). Effect of different management practices on growth attributes, yield and bio-chemical parameters of bidi tobacco (*Nicotiana tabacum* L.). *International Journal of Current Microbiology and Applied Science*, 6 (10): 540-550.

### (ii) National Journal

1. Jadhav M. G., Lunagaria M. M., Patil D. D. and Patel H. R. (2021). Sensitivity analysis to study the effects of temperature, carbon dioxide and solar radiation on sunflower under middle Gujarat Agro-climatic region. *Journal of Agrometeorology*, 23 (1): 141-143.
2. Karande B. I., Patel H. R., Patil D. D., Yadav S. B. and Lunagaria M. M. (2019). Influence of irrigation regimes, row spacing and varieties on biomass partitioning in summer mungbean (*Vigna radiate* (L.)) under middle Gujarat agro-climatic zone. *International Journal of Current Microbiology and Applied Science*, 8 (8): 3083-3090.

3. Patil D. D., Pandey V., Kapadia V. N. and Sadhu A. C. (2019). Sensitivity analysis of CROPGRO- cotton model to intra-seasonal climatic variability in middle Gujarat. *Journal of Agrometeorology*, 21 (2): 148-153.
4. Karande B. I., Patel H. R., Patil D. D. and Vasani M. J. (2019). Influence of irrigation levels and row spacings on yield and yield attributing characters of mungbean varieties (*Vigna Radiata* L.) in middle Gujarat agro-climatic zone. *International Journal of Current Microbiology and Applied Science*, 8 (2): 464-473.
5. Patel C. J., Gediya K. M., Patel H. K. and Patel A. R. (2018). Effect of fertilizer and weed management practices on growth and yield of bidi tobacco. *Journal of Weed Science*, 50 (2): 195-197.
6. Patil D. D., Pandey V., Gurjar R. and Patel H. P. (2018). Effect of intra-seasonal variation in temperature and yield of pigeon pea cultivars using CROPGRO model. *Journal of Agrometeorology*, 20 (4): 286-292.
7. Mote B. M., Pandey V. and Patil D. D. (2018). Effects of change in temperature and CO<sub>2</sub> on summer groundnut in middle Gujarat- A simulation study. *Journal of Agrometeorology*, 20 (3): 219-222.
8. Karande B. I., Patel H. R., Yadav S. B., Vasani M. J. and Patil D. D. (2018). Impact of projected climate change on summer mungbean in Gujarat. *International Journal of Current Microbiology and Applied Science*, 7 (8): 4178-4189.
9. Patil D. D., Pandey V., Baraiya L. N. and Acharya R. R. (2018) Effect of intra-seasonal variation in temperature and tuber yield of potato in middle Gujarat using SUBSTOR model. *Journal of Agrometeorology*, 20 (1): 22-27.