

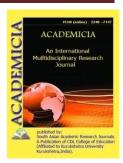
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A REVIEW ON SUSTAINABLE ORGANIC FARMING IN INDIA

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ABSTRACT

The biggest challenge India faced after independence was producing enough food to feed its expanding population. As a result, high-yielding varieties are utilized in conjunction with water, fertilizers, and chemical infusions. This combination of high-yield processing methods aided in the growth of the country's food surplus, soil quality, deforestation, pesticide toxicity, and long-term farming. Furthermore, many scientists are rethinking agricultural practices based on biological data rather than the heavy use of artificial chemical fertilizers. Organic agriculture is gaining popularity throughout the globe as a way to improve agricultural efficiency, income, food security, and environmental protection. In addition, the report's goal was to evaluate the status of organic farming in India. Organic farming has the potential to offer high-quality food without compromising soil, environmental, or human health; nevertheless, large organic farms must produce enough food to feed India's entire population. The present study will aid future research and raise awareness about the advantages of organic farming as well as the advantages of organic food production.

KEYWORDS: *Environment, Organic Farming, Pesticides, Soil, Sustainable.*



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REFERENCES

- **1.** R. Roychowdhury, M. R. A. Gawwad, U. Banerjee, S. Bishnu, and J. Tah, "Status, Trends and Prospects of Organic Farming in India: A Review," *J. Plant Biol. Res.*, 2013.
- **2.** S. A. Wani, M. A. Wani, S. Mehraj, B. A. Padder, and S. Chand, "Organic farming: Present status, scope and prospects in northern India," *J. Appl. Nat. Sci.*, 2017.
- **3.** I. Mergel, "OpenCollaboration in Public Sector: The case of social codign on Github," *Gov. Inf. Q.*, 2012.
- **4.** C. M. Nair and K. R. Salin, "Current status and prospects of farming the giant river prawn Macrobrachium rosenbergii (De Man) and the monsoon river prawn Macrobrachium malcolmsonii (H.M. Edwards) in India," *Aquaculture Research*. 2012.
- **5.** H. M. Chandrashekar, "Changing scenario of organic farming in India: An overview," *Int. NGO J.*, 2010.
- **6.** D. Singh, T. Singh Dhillon, R. Singh, and C. Davinder Singh, "Organic farming in India: Prospects and practices," ~ 227 ~ Int. J. Chem. Stud., 2018.
- 7. K. M. Nielsen, "Organic farming," in Encyclopedia of Ecology, 2018.
- **8.** O. Therond, M. Duru, J. Roger-Estrade, and G. Richard, "A new analytical framework of farming system and agriculture model diversities. A review," *Agron. Sustain. Dev.*, 2017.
- 9. T. Radovich and V. Valenzuela, "Vegetable crops update," CTAHR Coop. Ext. Serv., 1999.
- **10.** H. Harizanova-Bartos and Z. Stoyanova, "Impact Of Agriculture On Air Pollution," *Chu Int. Conf. Proc.*, 2018.