

# Organic Farming Its Impact on the Environment and Our Health.

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## ABSTRACT

Organic farming is an environmentally friendly and modern form of agriculture that supplies consumers with fresh and natural agricultural products. When it comes to organic farming, we can improve crop yields without harming the natural environment and the people who work and live there. The use of organically grown fruits and vegetables reduces the risk of chronic harm to human health such as leukaemia, lymphoma and cancers of brain, breasts, prostate, testes and ovaries etc.

**KEYWORDS:** Organic farming, Pesticides, Bio fertilizer, Climate change, Human health.

## I. INTRODUCTION

Nowadays there are lots of diseases increasing day by day; no one is thinking about that Why does it happen? Farmers are using chemical pesticides while taking crops from the soil. Using chemical pesticides, they take 4 months of crop within 2 months. Because of that reason, it deteriorates soil erosion as well as increases the chances of pollution and diseases. So doing organic farming doesn't harm the environment and human health. Organic farming described as: "Organic farming gives back to the environment what has been taken from it". Organic farming is based on environmentally friendly production, keeping animals in good health, realizing animal benefits for yield generation, and producing high quality nutritional food.

## OBJECTIVE

- 1) The main objective behind doing organic farming is the intensive agriculture system causes many problems on an environment and human health.
- 2) It avoids all forms of pollution that may come from agricultural techniques.
- 3) It produces high nutritional quality food without using chemical pesticides; therefore it does not cause any harmful disease to human health.
- 4) Organic farming maintains and increase long term fertility of soil.

## HYPOTHESIS

According to the present study examine the following hypothesis:

- 1) Alternate hypothesis: Organic farming is sustainable and it provides consumers fresh and natural farm products.

Null hypothesis: Organic farming is not sustainable and it does not provide consumers fresh and natural farm products.

- 2) Alternate hypothesis: Organic farming avoid all types of pollution that may come from agricultural techniques.

Null hypothesis: Organic farming does not avoid all types of pollution that may come from agricultural techniques.

## II. ANALYSIS OF COLLECTED DATA

I have created a Google form and sent it to my friends, family, neighbors, and relatives and received 57 responses from participants. Below are some questions and responses from the participants.

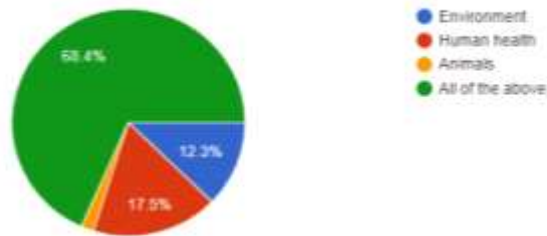
1. Is organic farming avoids pollution that comes from architectural technique.

57 responses



2. What do you think organic farming is good forenvironment, human health and animals?

57 responses



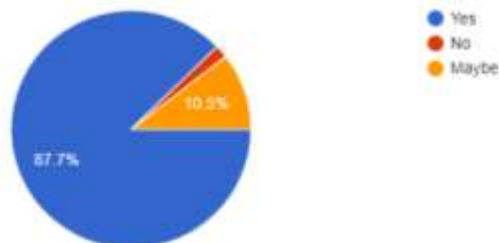
3. What do you think organic farming is good than chemical agriculture.

57 responses



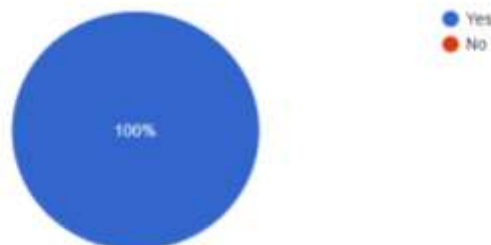
4. Doing organic farming is good for our health and environment?

57 responses



5. Is organic farming causing the lower incidences of occurring human diseases?

57 responses



### III. FINDINGS

Organic farming is useful for producing organic food in sufficient quantities and of high nutritional quality. It is better for human health, including a lower incidence of non-communicable diseases. Most people like to do organic farming because it's easy to do and it doesn't harm human health or the environment.

### IV. CONCLUSION

An organic farmer produces vegetables, fruits, grains, or livestock without the use of chemical fertilizers, pesticides, or herbicides. In another way, organic farming is a type of farming that provides consumers with fresh, tasty, and reliable food while respecting natural life cycle systems.

Organic farming works in harmony with nature instead of in opposition. An organic farmer produces vegetables, fruits, grains, or livestock without the use of chemical fertilizers, pesticides, or herbicides. In another way, organic farming is a type of farming that provides consumers with fresh, tasty, and reliable food while respecting natural life cycle systems. Organic farming maintains biodiversity and reduces environmental contaminants such as air, water, and soil.

### REFERENCE

- [1]. Ramesh, P., Singh, M., & Rao, A. S. (2005). Organic farming: Its relevance to the Indian context. *Current science*, 88(4), 561-568.
- [2]. Annunziata, A., & Vecchio, R. (2016). Organic farming and sustainability in food choices: an analysis of consumer preference in Southern Italy. *Agriculture*

and agricultural science procedia, 8, 193-200.

- [3]. Dhiman, V. (2020). Organic farming for sustainable environment: Review of existed policies and suggestions for improvement. *International Journal of Research and Review*, 7(2), 22-31.
- [4]. Singh, M. (2021). Organic farming for sustainable agriculture. *Indian Journal of Organic Farming*, 1(1), 1-8.
- [5]. Santhoshkumar, M., Reddy, G. C., & Sangwan, P. S. (2017). A review on organic farming-Sustainable agriculture development. *International Journal of Pure and Applied Bioscience*, 5(4), 1277-1282.
- [6]. Gomiero, T., Pimentel, D., & Paoletti, M. G. (2011). Environmental impact of different agricultural management practices: conventional vs. organic agriculture. *Critical reviews in plant sciences*, 30(1-2), 95-124.