

Organic Farming: A way Towards Sustainable Agriculture Development

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Abstract Organic agriculture has a potential to fulfill the food requirement of the world with sustainable resource utilization. This review illustrates how organic agriculture plays a role towards sustainable utilization of resources in food production as well as development with less pollution and contribution to the green house gases; ultimately climate change. Recent research in the field concluded that organic farming is better equipped to feed us now and well into the ever changing future. As Organic yields match conventional yields, Organic outperforms conventional in years of drought, Organic farming uses 45% less energy and is more efficient, Conventional systems produce 40% more greenhouse gases, Organic farming systems are more profitable than conventional and most important organic farming systems build rather than deplete soil organic matter which supports the soil micro, meso and macro fauna and makes the soil a living body; making it a more sustainable system. Organic agriculture offers a unique combination of environmentally-sound practices with low external inputs while contributing to food availability. To avoid ill effects of the conventional farming system it's an urgent need to adopt the organic farming practices, it not only improves the health of human community by providing safe food but also has the potential to mitigate climate change mostly claimed on the basis of assumptions concerning the soil carbon sequestration potential of organic management. Organic agriculture is the way towards sustainable development of mankind.

Keywords: Organic Agriculture, Sustainable development, conventional agriculture, food security, pollution mitigating potential.