

# Organic farming

## Concepts, Applications and Advances

This book is an account of introduction, principles, different practices, recent advances related to organic farming. A comprehensive reviews on benefits and limitations of organic farming as carried out by various research workers have been discussed in detail. The biomass energy is having great potential in the scenario of scarcity of energy. Soil organic matter is an important factor in restoring soil fertility. An increase in the soil fertility has a direct relationship with socioeconomic conditions of farmers, vegetable growers and orchardists. A healthy soil is always responsible for production of quality grains and fruits hence there is an urgent need to maintain for management of soil health. Organic produce are healthier and tasty than inorganic foods. However, the decline in yield has been noticed and recorded various research workers. The book "Organic Farming: Concepts, Applications and Advances" has been written in concise form.



**Dr. Subhash Chand** working as an Assistant Professor of Soil Science at FOA Wadura Campus, Sopore, of Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir Shalimar, Srinagar since 2005. He is member of Editorial Boards of Several Scientific Journals and has published papers in scientific and technical journals. He is also a member of five Scientific Societies including Indian Science Congress Association Kolkata, Soil Conservation Society of India and Indian Society of Soil Science.



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## Concepts, Applications and Advances

Subhash Chand  
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# Organic Farming Concepts, Applications and Advances

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## Preface

Challenges faced in modern agriculture due to high demand of food by ever growing population have been tremendously increased. Decreasing factor productivity and soil fertility is matter of great concern. Tackling the challenges of decreased soil fertility and organic carbon which is storehouse of energy and nutrients may be encountered by judicious use of various sources of organic nutrients viz; composting, biofertilisers, green manuring, crop residues, farmyard manure, cover crops, bio pesticides, grasses, etc. are of great importance. These sources are helpful for improving soil physical, biological and chemical properties.

This book is an account of introduction, principles, different practices, recent advances related to organic farming. A comprehensive reviews on benefits and limitations of organic farming as carried out by various research workers have been discussed in detail. The biomass energy is having great potential in the scenario of scarcity of energy. Soil Organic (somo) matter is an important factor in restoring soil fertility. An increase in the soil fertility has a direct relationship with socio-economic conditions of farmers, vegetable growers and orchardists. A healthy soil is always responsible for production of quality grains and fruits hence there is an urgent need to maintain for management of soil health. Organic produce are healthier and tasty than inorganic foods. However, the decline in yield has been noticed and recorded various by research workers. The book "*Organic Farming Concepts, Applications and Advances*" has been written in concise form.

Authors thank to various faculty members and students for healthy discussion and feedback on organic farming. It will be useful for students, progressive farmers, research scholars, faculty members and policy planners, socio-economists, environmental experts, research institutions, colleges, universities, scientist, professor, doctors, watering mans, food scientists, cook, seruents, growth, vegetable farmers, orchardists, etc.

Dr. Subhash Chand

Sartaj A. Wani

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