



Organic Farming: A Way of Reincarnating Farming

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Organic farming has become more important, now a days. Excessive use of fertilizers in farming has made our crops poison. Various diseases are emerging out of the use of fertilizers. Percentage of Cancer Patients, Bone diseases, Respiratory diseases are increasing day by day. Thus, organic farming is important for all human being as well as farmers.

As technology came to an India, various things changed. Due to green revolution particularly in India, various things regarding farming changed. Increasing population, increased demand of food grains resulted in excessive cropping, which directly resulted in degradation of soil. In such situation, banning use of chemicals and fertilizers in farm and using organic things for farming has become most important. The ancient farming tools are replaced by the modern techniques of farming. In the ancient days all the things were carried out manually, without use of machines. But as techniques were used by people patterns of farming changed, use of fertilizers changed and this resulted in degradation of environment and human health.

Concept of organic farming: Organic farming is the use of fertilizers of organic origin such as compost manure, green manure, bone meal and places emphasis on techniques such as crop rotation and companion planning. Organic farming protects the long term fertility of soils by maintaining organic matter levels. It is helpful for human being as well as ecosystem.

Benefits of organic farming

1. It helps in maintaining environments health by reducing the level of population.
2. It doesn't harm, human and animal health. Organic farming does not include use of chemicals and fertilizers, which directly benefits individuals and our environment.
3. It improves the soils chemical properties like supply and retention of soil nutrients, reduces nutrient loss into water bodies. It tries to save nutrients from the water.
4. It improves the soils physical properties such as granulation, good tilth, easy root penetration and improves water holding capacity and reduces erosion.
5. It helps in keeping agricultural production at a sustainable level. The level of population and the level of food grains and agricultural production should be equal. Organic farming provides balance between above two things.
6. Controls diseases arising from the use of fertilizers in farming. One of the biggest reward of organic farming is healthy soil. Healthy microbes, fungi and bacteria keep the harmful bacteria and fungi that cause diseases in check.

Issues faced by organic growers

- Financial barriers: Unavailability of funds to start production and marketing and high rate of interest by private financiers
- Inputs related: Non-availability of certified products, high cost of certified inputs, lack of proper knowledge about the organic inputs and how to make them

- Agronomic support: No standard package of practice available as per local soil and other conditions; lack of structured guidance and costly weed control
- Certification related: High cost of certification; misguiding certification consultants
- Post harvest infrastructure: Lack of dedicated post-harvest facilities for organic produce
- Marketing related: Non-availability of organized organic markets locally; marketing for individuals is very costly; lack of marketing support from the government
- Other issues: Difficult to organize farmers due to lack of faith and trust among themselves, lack of ethics among the growers, they don't mind using a few chemicals especially fertilizers; improper information about organic farming circulating among the growers through peer groups and social media.

Reincarnation of organic farming

As industrialization, urbanization and modernization spread all over our nation, it also strongly made its impact on the agricultural field also. Use of chemical, increased the chemical burden on the natural ecosystem. Use of fertilizers and pesticides has caused negative effects on the human health and environment. Excessive use of chemicals in farming industry has led to increase various diseases like cancer, asthma, learning disabilities, birth defects, reproductive dysfunctions, diabetes etc. Thus, taking into the dangerous effects of chemical, fertilizers and pesticides for farming, it is essential to do reincarnation of organic farming.