

Organic Farming and Ayurvedic Herbs

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Abstract

Organic farming is a new term for today's world but if we see this is nothing but natural farming, which is being in practice since the inception of farming, crops natural pest usually destroy certain portion of the crops. But in conventional farming use of synthetic pesticide, herbicide and fertilizers etc. make the crops apparently healthy these synthetic chemicals enter into the crops via soil which itself starts losing its fertility and gets contaminated. Viewing the fact that synthetic chemicals works as poison whether they enter into the human body via vegetable, fruits, herbal medicine or as synthetic therapeutic agents, they causes mild to severe side effect leading to death in many cases. The developed world is moving very fast toward natural or now called organic farming while the developing countries are struggling to take initiative at government level for organic farming viewing low yield and high cost of the organic products, only a small portion of upper strata affording to use organic product available in the super markets these days. Most of the companies are failing to use organically grown herbs in their formulation. There is a need of government intervention in this matter to help farmers by providing biofertilizers and biopesticides etc. Strict rules should be made for the manufactures of herbal medicines for the use of organically grown raw herbs for the benefit of mankind.

Key Words: Organic Farming, Conventional farming, Pesticides, Herbicides, Fertilizers.

1. Introduction

Use of toxic inorganic manure, food preservatives, insecticides, pesticide and synthetic chemical fertilizers in the environment have created a state of chemical poisoning for all living species of plants, humans and other animals. Although using these chemicals initially looked very fruitful in helping mankind to live in plenty particularly highly populated developing countries like India, China and others. Before the invention of inorganic manures, pesticides and insecticides many times famine and starvation was witnessed in the developing countries which abated due to large scale grain production during the past 70years with the help of conventional farming, farmers got rich dividends and became less poor than before.

However, at that time nobody bothered for the ill effects of these chemicals used in conventional farming. The ill effects have become highly manifested now and the advanced countries which developed the conventional farming technologies for more grain, vegetables and meat production themselves are closing down the use of synthetic chemicals and are running back to the natural farming or original organic farming (Pimentel and Burgies, 2014) Now farmers all over the world have become aware of soil's natural property loss, desert and barren land formation and ecological devastation due to long use of synthetic chemicals. Organic farming is being encouraged (Natural farming and allowing plants to survive naturally). These chemical poisons are now directly causing damage to the soil fertility. Although the production by the organic farming is low in comparison to the conventional farming (Seufert et. al., 2012; Ponisio et. al., 2015) but is more profitable and environment friendly with high nutritional value. Eco-balance of Nature is getting disturbed due to the use of the synthetic chemicals in conventional farming. In view of the above facts in India Dr. Narendra Singh also developed a new organic method for Tulsi plantation at Azamgarh. It took five years to achieve his goal, and more than 200 acres (after getting certified their farms by the government organization for organic farming) of gracefully growing Tulsi fields. It is like a love story from Nature.

In Japan Fukuoka Masanobu was an Agricultural research scientist who reintroduced natural farming in Japan. Fukuoka was a Japanese farmer. He started his career as research scientist after

studying in Agricultural College, and took training of a microbiological and agricultural scientist, but in 1937 according to him while recovering from his pneumonia in the hospital he had a spiritual experience that changed his view for the world he immediately resigned from his post and returned to his family's farm. In 1938 Fukuoka has started new practices and experiment with some new techniques on his own citrus fruit orchard, rice and barley fields. The observation of his practices and experiments led to develop the idea of farming naturally or Natural farming. He later stated that he understood by his experiment the difference between the nature and non intervention. Later he has written several books and given lectures during his world tour. In 1988 Fukuoka received India's most prestigious award Deshikottam and Philipines, Roman Magsaysay Award for his humanitarian contribution for public services, which actually recognized as Asia's Noble Prize and in 1997 Fukuoka also received the Earth Council Award (Yuriko, 2007).

Man cannot escape from the ill effects of these chemicals whether he takes vegetables, cereals, meat or fish. All contain perceptible amount of chemical poisons causing diverse diseases in man and animals like liver, kidney and haemopoietic systems damage and premature death etc. Now to save ourselves as well as crops by solving the hazards created by conventional farming, we have to go for organic farming. In Ayurvedic System of treatment medicinal herbs are been used for long periods we cannot use conventionally grown poisonous herbs as nutrition/medicine and therefore, we need organically grown Ayurvedic herbs for their nutritional/medicinal use, and organically grown vegetables and fruits for our regular use. Today we see all vegetables, fruits and Ayurvedic preparations loaded with chemical poisons; what cures they can afford if they contain poison themselves. Thus the need of organically grown chemical free herbs of Ayurveda is the need of the time to save and keep human health better in future. Today few farmers started growing vegetable, fruits and medicinal herbs organically. Scientist are moving towards new organically grown Ayurvedo-Herbal Medicines based on their experimentations in animals, and man in a variety of health and disease conditions.

If the contamination of pesticide, herbicides, weedicides will be there, it will lose the efficacy of medicinal value as well as act as a poison for users so there is a strong need of mass movement and the awareness about the use of biofertilizer and biopesticides and other products in promotion of organic farming of not only Ayurvedic herbs but all vegetables and fruits for human race to secure better health and longevity.

About 2,51,000 death occur alone in united states due to medical errors Anderson, et. al., 2017; Donald W. Light 2014 stated that about 328,000 patients died in U.S and Europe from the prescription drugs per year, because of these deaths prescription drugs making 4th as a leading causes of death and is a major health risk. Null et. al., 2010 stated that 783,936 death causes by conventional medicines per year.

2. Conclusion

Herbs grown with the help of synthetic products act in the similar manner like modern therapeutic drugs that causes serious side effects rather than cure. Therefore the organically grown vegetable and fruits can give a better health status to mankind at the same time organic medicinal herbs can provide desirable efficacy with their preventative, curative as well as restorative effects for making human healthy and strong in best possible way.

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