



## Case Study

In recent years, awareness of the harmful effect of chemical-based fertilizers and pesticides on our health is on a rise. Conventional agriculture relies heavily on chemical fertilizers and toxic pesticides etc., which enter the food supply, penetrate the water sources, harm the livestock, deplete the soil and devastate natural eco-systems. Efforts in evolving technologies which are eco-friendly are essential for sustainable development and one such technology which is eco friendly is organic farming. In short, organic agriculture is a whole system of farming that restores, maintains and enhances the ecological balance. There is an increasing demand for organically grown food to enhance food safety throughout the world. Organic Food Organic food is growing in popularity across the world. Many countries have around 10 per cent of their food system under organic farming. There are many retail chains and supermarkets, which are accorded with green status to sell organic food. Moreover, organic foods command higher price of around 10-100 per cent than conventional ones.

24. Do you think that the chemical-based fertilizers and pesticides have harmful effects on our health?

25. Do you feel that the conventional agriculture has drawbacks? 1

26. In what ways organic farming is beneficial?

27. How is organic farming helpful in sustainable development?