

Hydroponic Ginger Farming | Get More Yield and More Income in Small Land | Ginger Cultivation

Ginger is a member of the zingibaraceae family of tropical and sub- tropical plants. Growing of ginger hydroponically offers more advantages over methods of cultivation.

The first step is planting the ginger from a piece of root called the rhizome with a visible bud. It is important to start the planting of the buds in a compost soil and then move it to a hydroponics system later. In the hydroponics system, water is recycled since plants only take up necessary water. Run-off water is captured and returned to the system. Water loss occurs in two forms namely; through evaporation and leaks from the system.

Benefits of hydroponics

Hydroponics plants grow up to 50% faster than in soil due to constant nutrients available. Fresh produce can be grown throughout the year. The system eliminates need for herbicides and pesticides. Plants in the system use 10% of water compared to field grown ones.

In addition, plants are grown closer hence less space is used or needed. Farmers can also produce food at a suitable time to maximize profits. And also one does have total control of temperature, humidity, light intensity and air composition.