

Department of Horticulture

Adopting a newer techniques for better vegetable gardening

Back ground and Objectives:

More than 30 years ago, Scientist observed higher productivity when growing vegetables like as cucumbers and any other vegetables on a trellis. They proposed that when the vines are trained upward, so that the leaves form a mound or hedge of layered foliage, vegetables benefit from improved overall photosynthetic capacity and make more energy from the sun. Since then, that when properly managed, trellised cucumbers and any other vegetables can produce two to three times more cucumbers than plants allowed running over the ground.

A partial explanation is that trellised cucumbers and other vegetables are easier to harvest because you can see them more easily, and you are less likely to miss big overripe fruits. In addition, it is easier to prevent and control problems with pests and diseases when growing it on vertically.

As this aspect in Gujarat, Department of Horticulture adopting a new techniques through a proposed a project which is “Kachcha, Semi, Permanent pendal for vegetable crops in Gujarat”

Intervention and Outcomes:

Here have proposed success story of adoption of newer technology in Amreli District, which is below: Farmer : Kanak bhai Visaman bhai Vala live in Lalavadar village in Amreli District. He was grow Tomato “Abhinav” and , Bitter Gourd “Ashmita” crop in his field

Before this, Due to older cultivation practices of farming getting a problem regarding marketing and lower prices of products because of lower quality. With the adoption of new technology, the quality of vegetables have super due to non-infection of any other disease and pest infestation so farmers get more price through this technology as well improve their livelihood condition. From this technology Kanak bhai Visaman bhai Vala have taken approximate 18-23 tonnes per ha as well in Cucumber, 4 to 5 tonnes per ha.

