

Name of Farmer :Smt. SamindraValmikSawant

Village : Sawantwadi (Gojubavi)

Taluka : Baramati

District : Pune

Education :10th Std



Introduction

Smt. Samindra Valmik Sawanthas achieved great success in preparing Gavarani / DesiSeed Bank with 120 varieties of indigenous / Gavrani vegetable seeds while growing chemical-free indigenous vegetables. For this, lot of guidance received from Padmashri Dr. Subhash Palekar.

Training and guidance of KVK Baramati

- Good quality fruit plants.
- Various agricultural exhibitions and training programs
- Honour & encouragement for preparing Gavarani / Desiseed bank.
- Organisation of Field day.
- Producer to consumer direct marketing through grain festival.

Practices adopted

- Used various types of natural methods of insect-pest controller like Nimastra, Sour Butter Milk, Agni-Astra, Bramhastra, Dashparni Ark as explained in Subhash Palekar Krishi (SPK).
- Used Ghan-Jeevamrut&Bijamritwhile planting trees and seeds.
- Used Jeevamritregularlywith irrigation water and also sprayed it over plants as growth regulator.
- Cultivated mixed crops and used border crops for managing insects.
- Used live mulch and dead mulch.
- Used sticky plates and insect traps as & when needed.

Comparison between Natural Farming and Conventional Farming

Parameters	Natural Farming (Area in ha)	Conventional Farming (Area in ha)
Name of Crop - Pomegranate	1	1
Cost of cultivation (Rs)	□ 50,000/-	□ 2,00,000/-
Production (q)	50	70
Gross return (□)	□ 4,00,000/-	□ 4,50,000/-
Net return (□)	□ 3,50,000/-	□ 2,50,000/-

Parameters	Natural Farming (Area in ha)	Conventional Farming (Area in ha)
Name of Crop - Sugarcane	1	1
Cost of cultivation (Rs)	□ 20,000/-	□ 70,000/-
Production (q)	400	400

Gross return (₹)	₹ 1,20,000/-	₹ 1,20,000/-
Net return (₹)	₹ 1,00,000/-	₹ 50,000/-

Parameters	Natural Farming (Area in ha)	Conventional Farming (Area in ha)
Name of Crop–Moringa	1	1
Cost of cultivation (Rs)	₹ 10,000/-	₹ 50,000/-
Production (q)	80	100
Gross return (₹)	₹ 3,00,000/-	₹ 3,00,000/-
Net return (₹)	₹ 2,50,000/-	₹ 2,50,000/-

Benefits and achievements

- Honoured as “Progressive Farmer” by ICAR-National Institute of Abiotic Stress Management Baramati for Natural Farming and Desi Vegetable seed production.
- Honoured on Women’s day for running Gavarani / Desiseed bank.
- Helped various farmers with Gavarani / Desi seeds of different indigenous vegetables.
- Participated in various agriculture exhibitions to spread awareness about Gavarani / Desiseeds.

Impact of the Technology

- A farming technique was discovered that protects life, land, water and the environment.
- Chemical-free food for society and good price for farmer.



“Progressive Farmer” award ICAR Baramati



Preparation of Jeevamrit



Cultivation of indigenous vegetables



Use of mixed crops to control insects