

Success story/ Case studies on Nutri-sensitive agriculture



Name of farmer/ farm woman	SURUMATI DEVI
Address	Vill- Gundibali, PO- Luakera, Block- Lathikata , Dist- Sundargarh
Contact number	9827954810
Age (years)	34
Education	Class VII (Middle School)
Family size	5
Area under Nutri-garden (acre)	0.5
Agro-ecology and Farming situation	High rainfall, black and brown soil.(Agro Ecology) Irrigated upland farming situation
Name and description of the Nutri-SMART Village	Village- Gundibali. It is a tribal pocket and most of the households have taken up vegetable cultivation because of urban market available in Rourkela.
Name and description of enterprise	Nutri-Garden: growing of seasonal vegetables. It has few drumstick and papaya trees and has own irrigation source.
Technological Intervention and KVK Support	KVK provided kitchen Garden kit along with small implements viz.Rosecane, Khurpi, Hand sprayers, etc. Training was imparted to the beneficiaries
Economic impact	Avg yield-50 qtl Gross cost-24,000 Gross return-60,000 B:C ratio- 2.5 N.B- Above figures are the average values of all 3 seasons
Social impact	Leadership development among WSHGs was possible
Environmental impact	Least use of chemical fertilizers and pesticides. Use of organic inputs fetched good price due to quality enhancement.
Horizontal/ Vertical spread	4 acres spread in kitchen garden with 12 farm women

Nutritional output of Kitchen/Nutri-/Homestead garden*

S no.	Crop	Season	Per day per capita nutritional availability						
			Protein (g)	Calcium (mg)	Iron (mg)	Carotene (mg)	Thiamine (mg)	Vitamin C(mg)	Calcium (mg)
1.	Tomato	Kharif	0.9	3.6	48.0	0.4	351.0	0.12	27.0

2.	Brinjal	Round the year	1.4	4.0	18.0	0.9	74.0	0.04	12.0
3.	Bitter gourd	<i>Kharif</i>	1.6	4.2	20.0	1.6	126.0	0.07	88.0
4.	Bhindi	<i>Kharif</i>	1.9	6.4	66.0	1.5	52.0	0.07	13.0
5.	Cowpea	<i>Kharif</i>	3.5	8.1	72.0	2.5	564.0	0.07	14.0
6.	Pumpkin	<i>Kharif</i>	1.4	4.6	10.0	0.7	50.0	0.05	2.0
7.	Cauliflower	<i>Rabi</i>	2.6	4.0	30.0	1.5	30.0	0.04	56.0
8.	French bean	<i>Rabi</i>	1.7	4.5	50.0	1.7	132.0	0.08	24.0
9.	Cabbage	<i>Rabi</i>	1.8	4.6	39.0	1.8	120.0	0.06	124.0
10	Drumstick	Round the year	4.4	6.0	395.0	16.5	2340.0	0.04	52.0

*Please add additional row(s) if necessary.

Good quality action photographs (2-3)

