

Report on Community Nutrition Garden

Introduction

In October-November 2013, community nutrition garden demonstrations were setup in the five intervention villages. The land was taken on lease from either the village Panchayat or an individual farmer and the gardens are being managed by groups of women who have come together to form community nutrition garden clubs.

The gardens are fenced and the seeds were provided. The women take care of watering regularly and share the produce. Seeds of both fruits and vegetables have been provided. A season based calendar of vegetables has been drawn up in discussion with the community.

- **Selection of land for Community Nutrition Garden**

Land sighted in the village or near to villages selected for the community nutrition garden where women can go easily, water source should be nearby and all villagers can see the garden. Land used for garden in Saheli and Susund are individual and in Vitpur, Heti and Borgaon (gondi) Grampanchayat is owner. Contract is made with owner to use their land for community nutrition garden.

Village: Saheli

Land Owner – Mr. Rambhau Kokate

Land in meter – 28x15 sq. meter

Water source – Grampanchat's well and Grampanchat's water connection

Village: Vitpur

Land Owner – Grampanchayat

Land in meter – 25x15 sq. meter

Water source – Grampanchat's water tank

Village: Susund

Land Owner – Mr. Sudhakar Mule

Land in meter – 22x15 sq. meter

Water source – Hand pump, well and Grampanchat's water connection

Village: Heti

Land Owner – Mr. Dadaraji Kambale

Land in meter – 25x15 sq. meter

Water source – Grampanchat's water connection, Hand pump

Village: Borgaon (gondi)

Land Owner – Forest department

Land in meter – 25x15 sq. meter

Water source – Hand Pump, g Grampanchat's water connection

- **Fencing for protection**

Land of community nutrition garden is protected from animals with chain link fencing in five villages.

- **Land preparation**

Land was prepared with tractor and bullocks in all villages. Community nutrition garden members were involved in preparation of land.

- **Organizing seeds and fruit plants**

Seeds were purchased in local market. Local variety seeds were purchased. Hybrid seeds were totally avoided. Fruit plants were purchased from Agriculture College nursery, Nagpur and Government nursery.

- **Accessories provided to community nutrition garden**

Each community nutrition garden was provided with one drum for water storage, two water can and pipe for irrigation purpose.

- **Community nutrition garden club**

To maintain the nutrition garden in each village community nutrition garden club is formed with 10 to 12 women members for each garden. These members work in garden and consume vegetables produced on sharing bases.

Roles and responsibilities of women in community nutrition garden

1. Every day 3 women work in community nutrition garden.
2. Cleaning, monitoring plant status and produce vegetables and fruits.
3. Keeping daily record of community nutrition garden.
4. Field Assistant also recorded daily activities.
5. Both records cross check by Research Associate.
6. Produced vegetables and fruits utilized by sharing or one by one.

List of Community Nutrition Garden Club Members, Saheli

1. Shrimati. Kaushalbai Borje
2. Mrs. Lalita Khandate
3. Mrs. Sraswatabai Nehare
4. Mrs. Sarla Bhoyar
5. Mrs. Shalu Dhurve
6. Mrs. Sharja Masram
7. Mrs. Geetabai Kursunge
8. Mrs. Vachhala Pateki
9. Mrs. Suman Masaram
10. Mrs. Lakshmi Uike

List of Community Nutrition Garden Club Members, Vitpur

1. Mrs. Shalubai Gajabe
2. Mrs. Prabha Parteki
3. Mrs. Sarla Bhalavi
4. Mrs. Asha Patte
5. Mrs. Pushpa Ivanate
6. Mrs. Ankula Bhalavi
7. Mrs. Nirmala Nehare
8. Mrs. Bebi Wadve
9. Mrs. Prabha Deshbratar
10. Mrs. Rekha Somkunwar

11. Mrs. Sharda Uike

List of Community Nutrition Garden Club Members, Susund

1. Mrs. Indirabai Wankhade
2. Mrs. Papita Moharle
3. Mrs. Bebibai Bhalavi
4. Mrs. Suman Bhalavi
5. Mrs. Mangala Gurnule
6. Mrs. Kalpana Gautre
7. Mrs. Sumitra Sayam
8. Mrs. Malbai Nagose
9. Mrs. Rekha Gurnule
10. Mrs. Vanita Uike
11. Mrs. Sushilabai Uike
12. Mrs. Bebibai Kohle
13. Mrs. Kalpana Gurnule
14. Mrs. Ashabai Lende

List of Community Nutrition Garden Club Members, Heti

1. Mrs. Sumitra Kambale
2. Mrs. Chhaya Davle
3. Mrs. Nanda Yesankar
4. Mrs. Manda Davle
5. Mrs. Sangita Kalmkar
6. Mrs. Megha Kamble
7. Mrs. Kusum Borkar
8. Mrs. Renuka Sapkal
9. Mrs. Ranjna Kambale
10. Mrs. Bebibai Davle
11. Mrs. Savita Kamble

List of Community Nutrition Garden Club Members, Borgaon (gondi)

1. Mrs. Sundha Kodape

2. Mrs. Bakubai Irpache
3. Mrs. Vachhalabai Bhamkar
4. Mrs. Kuntibai Parteki
5. Mrs. Bebibai Kaurati
6. Mrs. Ushabai Kaurati
7. Mrs. Vandanbai Kursange
8. Mrs. Sarswati Uike
9. Mrs. Shindubai Mandari
10. Mrs. Indirabai Karnake
11. Mrs. Mangalbai Bhalavi

- **Total Expenditure of Community Nutrition Garden**

Total expenditure of community nutrition garden in five villages is shown in table

Table 1: Total Expenditure of Community Nutrition Garden

S.N.	Particulars	Amount
1	Fencing (Chain link, gate, labour charges)	37,916.00
2	Land Preparation	5,000.00
3	Fruit plants	7,170.00
4	Seeds	4,675.00
5	Accessories (Drum, pipe and water can)	10,077.00
6	Transportation (Chain link, Fruit plants and Accessories)	6,000.00
7	Others	5,000.00

- **Plantation details of fruit plants**

Plantation and cultivation done in Borgaon, Saheli, Vitpur, and Susund on dated 16 and 17 September while in Heti plantation done on 30 October. Due to rain in Heti land was not prepared for plantation and cultivation.

Table 2: Plantation date of fruit plants

S.N.	Name of plants	Date of Plantation				
		Borgoan	Saheli	Vitpur	Susund	Heti
1	Amla	16/09/2013	17/09/2013	17/09/2013	17/09/2013	30/10/2013
2	Banana					
3	Custard apple					
4	Papaya					
5	Sapota					
6	Mango					
7	Moriga					
8	Lemon					
9	Curry leaves					
10	Jackfruits					

- **Cultivation details of vegetables**

Cultivation and plantation in Borgoan, Saheli, Vitpur, and Susund done on dated 16 and 17 September. Due to heavy rain this year cultivation in Heti was not successful therefore again cultivation in community nutrition garden. In Heti plantation and cultivation were delayed by rain.

S.N.	Name of vegetables	Date of cultivation					Susund	Heti
		Borgoan gondi	Saheli	Vitpur				
				1 st cultivation	Recultivation			
A	Leafy vegetables							
1	Spinach	16/09/2013	16/09/2013	17/09/2013	15/11/2013	17/09/2013	29/10/2012	
2	Amaranth	16/09/2013	16/09/2013	17/09/2013	15/11/2013	17/09/2013	29/10/2012	
3	Fenugreek	16/09/2013	16/09/2013	17/09/2013	15/11/2013	17/09/2013	29/10/2012	
4	Coriander	16/09/2013	16/09/2013	17/09/2013	15/11/2013	17/09/2013	29/10/2012	
5	Cabbage		15/11/2013	-	15/11/2013	17/11/2013	29/10/2012	
B	Roots and Tubers							
6	Carrot	16/09/2013	26/10/2013	17/09/2013	15/11/2013	08/10/2013	29/10/2012	
7	Radish	16/09/2013	26/10/2013	17/09/2013	15/11/2013	08/10/2013	29/10/2012	
8	Beetroot	08/10/2013	07/11/2013	-	15/11/2013	08/10/2013	29/10/2012	
9	Garlic	26/10/2013	10/10/2013	-	15/11/2013	08/10/2013	29/10/2012	
10	Ginger	26/10/2013	-	-	-	08/10/2013	29/10/2012	
11	Onion	26/10/2013	06/11/2013	-	-	-	-	
12	Potato	26/10/2013	-	-	-	-	-	
C	Other vegetables							
13	Chilly	16/09/2013 (Sapling for	16/09/2013 (Sapling for	17/09/2013 (Sapling for	15/11/2013 (Plantation)	17/09/2013 (Sapling for	29/10/2012 (Plantation)	

		preparation) 14/10/2013 (Plantation)	preparation) 15/10/2013 (Plantation)	preparation)		preparation) 21/10/2013 (Plantation)	
14	Tomato	14/09/2013 (Sapling for preparation) 14/10/2013 (Plantation)	16/09/2013 (Sapling for preparation) 15/10/2013 (Plantation)	17/09/2013 (Sapling for preparation)	15/11/2013 (Plantation)	17/09/2013 (Sapling for preparation) 21/10/2013 (Plantation)	29/10/2012 (Plantation)
15	Brinjal	16/09/2013 (Sapling for preparation) 14/10/2013 (Plantation)	16/09/2013 (Sapling for preparation) 15/10/2013 (Plantation)	17/09/2013 (Sapling for preparation)	15/11/2013 (Plantation)	17/09/2013 (Sapling for preparation) 21/10/2013 (Plantation)	29/10/2012 (Plantation)
16	Ladies finger	16/09/2013	16/09/2013	17/09/2013	-	17/09/2013	29/10/2012
17	Cauliflower	26/10/201 (Sapling for preparation) 17/11/2013 (Plantation)	15/11/2013	08/10/201 (Sapling for preparation) 28/11/2013 (Plantation)	15/11/2013	08/10/201 (Sapling for preparation) 28/11/2013 (Plantation)	29/10/2012
D	Climbers						
18	Bitter gourd	16/09/2013	16/09/2013	17/09/2013	15/11/2013	17/09/2013	29/10/2012
19	Bottle gourd	16/09/2013	16/09/2013	17/09/2013	15/11/2013	17/09/2013	29/10/2012
20	Pumpkin	16/09/2013	16/09/2013	17/09/2013	15/11/2013	17/09/2013	29/10/2012
21	Cucumber	16/09/2013	16/09/2013	17/09/2013	15/11/2013	17/09/2013	29/10/2012
22	Ridge gourd						

- **Total cultivated area in community nutrition garden**

S.N.	Name of vegetables	Cultivated Area									
		Borgoan gondi		Saheli		Vitpur		Susund		Heti	
		Area of bed in ft	No. of beds	Area of bed in ft	No. of beds	Area of bed in ft	No. of beds	Area of bed in ft	No. of beds	Area of bed in ft	No. of beds
A	Leafy vegetables										
1	Spinach	20x3	2	7x4	7	40x3	1	3x35	2	3x36	1
2	Amaranths	20x3	2	7x4	7	40x3	1	3x35	1	3x36	1
3	Fenugreek	20x3	2	7x4	7	40x3	1	3x35	1	3x36	1
4	Coriander	20x3	2	7x4	11	40x3	1	3x35	1	3x36	1
5	Cabbage	6x6	2			6x6	2	6x8	1	6x6	2
B	Roots and Tubers										
6	Carrot	6x6	1	6x6	2	6x6	2	6x6	2	6x6	2
7	Radish	6x6	1	8x3	3	6x6	2	6x6	2	6x6	2
8	Beetroot	6x6	1	-	-	-	-	6x6	1	-	-
9	Garlic	6x6	1	6x6	1	-	-	6x6	1	3x3	1
10	Ginger	3x3	1			-	-	-	-	-	-

11	Onion	6x6	1	-	-	6x6	1	-	-	-	-
12	Potato	6x6	1	-	-	-	-	-	-	-	-
C	Other vegetables										
13	Chilly	6x6	2	6x6	2	6x6	2	6x6	2	6x6	4
14	Tomato	6x6	2	6x6	6	6x6	3	6x6	2	6x6	6
15	Brinjal	6x6	4	6x6	7	6x6	3	6x6	2	6x6	6
16	Ladies finger	6x6	5	6x6	5	6x6	2	6x6	1	3x12	3
17	Cauliflower	6x6	2	6x6	1	6x6	1	6x6	1	6x6	2
D	Climbers		No. of climber		No. of climber		No. of climber		No. of climber		No. of climber
18	Bitter gourd		-		1		-		-		1
19	Bottle gourd		1		1		1		-		2
20	Pumpkin		1		1		-		1		2
21	Cucumber		-		1		-		-		1
22	Ridge gourd		1		1		1		-		1

- **Total production of vegetables in community nutrition garden**

In the table total production of vegetables on date 31/01/2014 in community nutrition garden are shown.

S.N.	Name of vegetables	Total production				
		Borgoan gondi in Kg	Saheli in Kg	Vitpur in Kg	Susund in Kg	Heti in Kg
A	Leafy vegetables					
1	Spinach	26.5	78	12	33	15
2	Amaranths	12	9	2	10	5
3	Fenugreek	9	5	6	2	5.5
4	Coriander	11	1	3	2	3
5	Cabbage	-	3	1	7	3
B	Roots and Tubers					
6	Carrot	7.5	2	-	2	-
7	Radish	5	2	9	7.5	10
8	Beetroot	5	-	-	10	-
9	Garlic	2	1	-	1	1
10	Ginger	-	-	-	-	-
11	Onion	2	-	-	-	-
12	Potato	3.5	-	-	-	-
C	Other vegetables					
13	Chilly	2	2	1	3	2
14	Tomato	3	-	-	1	-
15	Brinjal	14	7	5	50	5
16	Ladies finger	5	4	2	4	5.5
17	Cauliflower	-	-	2	4	5
D	Climbers					

18	Bitter gourd	1	0.5	-	0.5	-
19	Bottle gourd	5	-	2	-	-
20	Pumpkin	-	-	-	-	-
21	Cucumber	0.5	1	-	-	-
22	Ridge gourd	1	0.5	1	1	0.5

Production of nutrition garden was distributed in the in nutrition garden members and some product was used in school in mid day meal programme in Saheli and Susund and some product like spinach and brinjal was sale in the villages.

April 2014

Photographs of community nutrition garden



Meeting with members of Community Nutrition Garden





Preparation of land for cultivation



Fencing for Community Nutrition Garden



Layouting for Community Nutrition Garden



Cultivation in Community Nutrition Garden



Crop production of Community Nutrition Garden





Cuting and ditribution of production of community nutrition garden



