

ULTRA POOR STRATEGY

Strategy: Enhancement of livelihood of the PoPs through a basket of activities with reduction of risks

- As per the project objective every poor household has to be supported on **at least 2 primary sector activities** i.e. **Agriculture and livestock** for their livelihood security, particularly food and nutrition security from the income stream created throughout the year by herself.
- Home and community nutrition garden will be developed in each household to secure household level food security.



- Every opportunity would also be utilized to enable her earn **some income from additional sources** like, **nursery, seed bank, grain bank, agro forestry fisheries** etc., wherever available.
- Identification and mobilization of PoPs into groups and **access to finance** (micro credit planning) for them are to be done by the women institutions.
- **Women institutions** will take active role in the whole process (input, technology, production, marketing, convergence etc).
- **Capacity building and hand holding through CRP strategy** to scale up the production and productivity.

- **Introduction and replication 0.5 acre model** by sustainable agriculture practices on wherever the land is available for them in addition to her own land.
- Access and utilization of natural resources of various kind like fallow (seasonal and permanent), degraded land, land on embankment, road side, canal side etc., waste land, water bodies lying with public and private ownerships



- Special focus on **indigenous NPM practices** and natural farming.
- Minimum 3 crops in seasons annually with SRI/SWI/ SMI etc. in half of the land followed by other crops(oil seeds etc) over there and half of the land may be utilized for year round vegetable cultivation to meet both for mitigation of family food security and availability of regular cash in hand.

The practice of rearing of goats, sheep, chicks and cattle in the backyard is common for the MKs particularly among the landless laborers, small and marginal farmers. The Mahila Kisans will be facilitated to rear a reasonable no. of small ruminants so as to earn a sustainable income from them through out the year. For this purpose, improved variety of birds (RIR chicks, Khaki Cambel ducks), small animals (black Bengal goats etc.). Mahila Kisan will be facilitated to participate in the Animal Vaccination camps for their animals jointly organized by ARD dept.



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and LKP regularly.

Income and generation of assets:

Income for each Mahila Kisan is targeted within the range of Rs. 35000 to Rs. 40000 p.a.

Assets will be generated amounting Rs. 20500/- for each MK at the end of project period.

Benefits to be accrued:


- Food consumption at house hold level- improvement of nutritional status and reduction of mal nutrition
- Reduction of cost of medicine and health hazards
- Improvement in animal health through vaccination camp on regular basis
- Achievement of seed sovereignty & reduction of cost of cultivation through SA practices
- Availability of chemical free nutritious food to students through School Nutrition Garden.

Core replication strategy:

- Strict adherence of sustainable agriculture practice through community based and with community driven approach
- Identified Best practices should be rigorously taken up for the rest of the beneficiaries a targeted approach
- Best practitioners are the CRPs and the Best Performer of the Mahila Kisan will be utilised
- The scaling up of activities may be taken with the help of financial support extended by Banks, funds available with SHGs and its Federations for their working capital
- Right kind of producers' groups accepted by the SHGs may be formed with required backward and forward linkages for marketing arrangements (shops,transport etc.)
- Federations will be strengthened to take up all functions for them
- CFCs are set up for reduction of drudgery reducing mechanism by the communities.
- All efforts should be made to link up with all sorts of facilities available for them from various Govt and Non Govt. sources



Model-1
Integrated Farm Management based on case study: Birbhum

Name of Mahila Kisan	Chandnihara Bibi	
Address	GP: Hatia, Block –Labpur, Dist. Birbhum	
Vulnerability category	Single Widow, minority & landless	
Leadership	SHG leader, Sub Cluster leader (VO)	
Land size	0.43acre (0.12 acre own land and 0.31 leased land)	
Training imparted	SRI (Paddy), soil health improvement (vermin compost, liquid manure), rearing of chicks, pest management, seed preservation & group management	
Sustainable technique used	Vermi compost, FYM, <i>Panchamritam</i> , System approach (SRI), preservation of seed in individual seed store	
Crop planning	Paddy (SRI) in 0.12 acre, Poly crops (vegetables) in three seasons in 0.31 acre and fruit cultivation	
Major crop	Paddy & vegetables (cucumber, brinjal, ladies finger, ridge guard, tomato, beans, etc.)	
Intervention	Agriculture, vegetable production, fruit cultivation and animal husbandry	
Gross income from agriculture	Paddy :Rs. 24000.00 Vegetable : Rs. 15000.00 Pulses:4800.00 Fruit : Rs.4000.00 Timber: Rs. 6000.00 Others : Rs.3850.00 Total: Rs. 57650.00	
Gross income from animal husbandry	Rs. 27200.00	
Total investment	Rs. 19000.00 (including lease rent Rs. 5000.00)	

Net annual income	Rs. Rs.65850.00
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Benefit accrued:

- Food security attained
- Improved nutritional level
- Regular cash flows for the household through out the year
- Chemical free healthy food
- Improved social status

Asset generated:

- Chicks:25
- Ducks:12
- Trees in the backyard: Jackfruit, mango etc.

Model-2

Case study based model on System approach (SRI) in 0.5 acre model



Name of Mahila Kisan	Bhabani Mardi
Name of SHG	Swarparajpur Rangamati Mahila Swanirvar Dal
Address	Vill:Swarparajpur, block: Labpur, Dist: Birbhum
Vulnerability status	ST, landless & physically challenged
Name of Crop	Paddy (SRI)
Season	Kharif & Rabi
Production	Khariff: 17 qtl Rabi : 18.5 qtl
Total value of production from SRI (@ Rs. 1200/qtl	Rs.42600.00 (Rs. 20400.00 +.22200.00)
Total investment for SRI	Rs. 8353.00 (Khariff: Rs.4083.00 & Rabi: Rs. 4270.00)
Income (Rs) from SRI	Rs. 34247.00
Income from vegetable cultivation	Rs. 19200.00
Total income	Rs. 53447.00
B: C	Khariff- 3.9: 1 Rabi : 4.1: 1

Cost Benefit details

Sl no.	Particulars	Expenditure in SRI (Rs.)		Expenditure in traditional practices (Rs.)	
		Khariff	Rabi	Khariff	Rabi
1	Seed	20(1 kg)	20(1k.g)	300(15kg)	300(15kg)
2	Nursery Management	188	20	650	700
3	Land preparation	1000	1000	1000	1200
4	Transplanting Management	600	600	1200	1200
5	Fertilizer Management		650	1500	1500
6	Irrigation & weeding Management	450	600	1200	1500
7	Pest Management	500	500
8	Harvesting	1200	1200	1200	1200
A	Total expenditure	4083	4270	7550	8100
	Yield (qtl)	17	18.5	17	18.5
B	Total income(Rs.) (@ Rs. 1200/qtl)	20400	22200	15600	16800
C	Net income(A-B)	16317	17930	8050	8700
	Benefit: Cost	3.9:1	4.1:1	1.06:1	1.07:1

Benefit accrued:

- Food security attained
- Improved nutritional level
- Regular cash flows for the household through out the year
- Chemical free healthy food
- Cost of cultivation reduced

Model-3
Integrated Farm Management based on case study: Purulia

Name of Mahila Kisan	Ms. Namita Mahato
Name of SHG	Balaji Swarnirvar Dal
Address	Village:Chirugora, G.P: -Majhidi, Block : Jhalda II, Dist: Purulia
Vulnerability status	ST, landless
Land size	0.83 acre (own land)
Intervention	Agriculture, animal rearing, home garden (rabi, pre khariff & khariff)
Name of crop produced	Paddy, vegetables, pulses (arhar, lentil, Bengal gram), oil seeds(mustard, tisi)
Training imparted	SRI, Soil health Improvement(vermin compost, liquid manure etc.)
SA technique followed	System approach (SRI), vermi compost, inclusion of pulses in cropping cycles, use of fallow dykes for cultivation of Pigeon Pea
Income from agriculture	Rs. 55680 (including sale of vermin compost of Rs. 2000.00)
Income from Animal resources	Rs. 11500.00
Total income	Rs. 67180.00
Investment (Rs)	Rs. 17200.00 (including own labour and vermi compost of Rs.2000.00)
Net income (Rs.)	Rs. 49980.00

Benefit accrued:

- food is secured through out the year
- Improved nutritional level
- Regular cash flows for the household through out the year
- Chemical free healthy food
- Reduction of health hazards

Model-4 Home garden



Name of Mahila Kisan	Silantri Orao
Name of SHG	Shilpa SHG
Address	Vill: Dakshin Mendabari, GP-Mendabari, Block – Kalchini, Dist-Alipurduar
Vulnerability status	ST, landless
Land size	0.5 acre (forest area in possession)
Crop planning	Tomato, chilli, brinjal, water spinach, radish, broad beans etc. with garlic, ginger & turmeric & mushroom
Season	Rabi
Training imparted	Bio compost, fish farming, SRI, mushroom cultivation, preparation of home garden, turmeric & ginger cultivation, eco friendly pest management etc.
SA technique followed	Bio compost, eco friendly pest management, preservation of seed in own seed store
Income from agriculture	Rs. 9600.00 (Vegetable: Rs. 9100, mushroom: Rs.500.00)
Investment	Rs.2500.00(including own contribution)
Net income	Rs. 7100.00

Benefit accrued:

- Food is available throughout the year
- Improved nutritional level
- Minimum cash at hand with other activities like animal rearing
- Reduced health problem

**Model-5
Group based Ginger Cultivation**



Name of Mahila Kisans	Dayamani Munda, Dolina Munda, Piyari Munda, Sandhio O rao
Name of SHG	Smriti SHG
Address	Madhu tea garden, satali gp
Vulnerability	ST, Landless
Land size	0.06 acre (tea garden area in possession)
Crop planning	0.05 acre for ginger cultivation & 0.01 acre for turmeric cultivation
Training imparted	Soil health improvement(Bio compost, taral sar, azolla cultivation), new crop introduction and technique of cultivation of ginger, eco friendly disease & pest management, soil water conservation etc.
SA technique followed	Bio Compost, <i>Panchamritam</i> , eco friendly pest management
Production	Ginger:128 kg, turmeric: 25 kg
Value of production (Ginger Rs. 120/kg & turmeric @ Rs. 20/kg)	Rs. 15860.00
Investment	Rs.1000.00 (including own contribution)
Income	Rs. 14860
Income/ MK	Rs. 3715.00

Benefit accrued:

Additional income generation besides income from home garden & other field activities

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