

BUSINESS PLAN

INCOME GENERATING ACTIVITY – Table graft Apple nursery

by

JICA WORRIOR----- Self Help Group



SHG/CIGName	::	JICA WORRIOR
VFDSName	::	VFDS Goansari
Range	::	Khasdhar
Division	::	Rohru

Prepared under:



Project for Improvement of Himachal Pradesh Forest Ecosystems
Management & Livelihoods (JICA Assisted)

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1. **Introduction**

That crisp, sweet apple you bought at the grocery and nibbled down to the core was delicious! Wouldn't it be great if you could walk out your door and pluck one like it off of a tree in your yard? You see the small, smooth, brown seeds in the apple core and wonder: Could I plant these and grow my own apple trees? The short answer is: Yes, but...Many of the apple varieties in grocery store bins are hybrids because apples do not reproduce true to type. Commercially produced apples are grown on grafted stock, on trees that produce clones of the hybrids, which is the way growers ensure the varieties they offer are genetically identical from one year to the next. The technique for harvesting and sprouting seeds is simple. One method is to carefully remove undamaged seeds from the core of the apple, clean them and allow them to dry. Start the project with as many seeds as you can; they may not all sprout, but the more you have, the better the chances are that at least a few of them will begin to grow. Place the seeds between two layers of damp paper towels or tissue in an airtight container. Apple seeds need a period of chilling, or stratification, before they begin to sprout, so place the container in the refrigerator for at least two to three weeks – even up to a month or more. Then watch and wait. It may take eight to ten years or longer for an apple tree grown from seed to be mature enough to produce fruit, and the apples it brings forth will be different from the apple you remember eating years ago. Knowing that, it's still a fascinating long-term project to sprout seeds, plant them, and watch them grow into healthy trees that bear fruit.

This nursery is situated at 4086 feet above mean sea level at Village – Goansari, PO –Goansari, Teh-chirgaon, 171208 District Shimla Himachal Pradesh India. Our aim is to provide high quality apple clonal rootstock and plants to the farmers. We have never compromised on the quality and services provided to our customers. Besides supplying apple fruit plants, we believe in transfer of advanced technology to our growers.

Background

The center by SHG JICA warrior is located at Village –Goansari, PO –goansari, Teh-chirgaon district Shimla, 171205. The selected SHG area falls under Goansari beat of Khashdhar Range in Rohru forest Division Management Unit (DMU).

2. Description of SHG/CIG

2.1	SHG/CIG Name	::	Jica worrior
2.2	VFDS	::	Goansari
2.3	Range	::	Khasdhar
2.4	Division	::	Rohru
2.5	Village	::	Goansari
2.6	Block	::	Chirgaon
2.7	District	::	Shimla
2.8	Total No. of Members in SHG	::	20
2.9	Date of formation	::	12/02/20021
2.10	Bank a/c No.	::	89541300000577
2.11	Bank Details	::	Himachal Pradesh gramian bank ,chirgaon
2.12	SHG/CIG Monthly Saving	::	100/-
2.13	Total saving	::	25000
2.14	Total inter-loaning	::	--
2.15	Cash Credit Limit	::	--
2.16	Repayment Status	::	--

3. BeneficiariesDetail:

S.No	NameOfCandidate	W/O-S/O	D.O.B	Address
1	SAROJ	W/O SANJIV KUMAR		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
2	SUSHILA DEVI	RAJINDER		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
3	RAMESHWARI	JASHVANT SINGH		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
4	BABITA DEVI	AMRIT SINGH		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
5	SURESHNA DEVI	BHAGWAN SINGH		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
6	PINKI DEVI	BABU RAM		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
7	USHA DEVI	SISHU PAL		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
8	ILLA DEVI	HARI CHAND		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
9	PRABHA DEVI	KUTHRU MAL		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
10	NEELA DEVI	BHAG CHAND		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla

11	DEEPAK	S/O SURESH		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
12	BRIJ MOHAN	JAGDISH CHAND		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
13	RUPENDER SINGH	LAET. MAAN SINGH		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
14	CHANDER KANT	BALWANT SINGH		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
15	RAKESH	GIYAN CHAND		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
16	MUNISH	BHAJAN SINGH		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
17	SUMAN SINGH	PRATAP SINGH		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
18	NITESH KUMAR	MAIN RAM		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
19	VIRENDER SINGH	MOHENDER SINGH		Village-goansari, PO – goansari ,Teh-Chirgaon distt- shimla
20	MOHENDER SINGH	SIRIYA		Village- goansari, PO – goansari ,Teh- Chirgaon distt- shimla

4. **Geographical details of the Village:**

3.1	Distance from the District HQ	::	35KM
3.2	Distance from Main Road	::	1.5KM
3.3	Name of local market & distance	::	goansari , Chirgaon
3.4	Name of main market & distance	::	Rohru 50km
3.5	Name of main cities & distance	::	Shimla 110km
3.6	Name of places/locations where Product will be sold/marketed	::	Chirgaon ,local market, online sale all over Himachal

5. **Primary Action Plan**

The members of this SHG have very clear vision of this IGA and after careful and thoughtful discussion within the group decided to take up this activity for additional income. The members are doing this activity in isolation but now they have joined hands to venture into to this activity at a bit larger scale and in a planned manner. The division of labour between the members have been planned carefully so that each and contributes towards strengthening the IGA and resulting the additional money into their pockets.

Customers

The primary customer so far centre will mostly be local people around village -- but later on this business can be scaled up by catering to nearby small townships.

9. Target of the centre

The centre primarily aim sat to provide unique modern and high class Apple nursery plant service to the residents of -----village in particular and all other residents of nearby villages. This centre will ensure to become them astern owned apple nursery centre with quality work in its area of operation in coming years.

10. The reason to start this business

Due to the prior experience of the members of this SHG who are already doing same work here and there this IGA has been selected and therefore the SHG is starting this business. This is an effort to combine the skillofvarious members and scale up their activity to earn more livelihoods.

11. SWOT Analysis

❖ Strength

- Activity is being already done by some SHG members
- Raw material easily available from near by markets
- Manufacturing process is simple
- Proper packing and easy to transport
- Other family members will also cooperate with beneficiaries
- Product self-life is long

❖ Weakness

- Lack of technical know-how

❖ Opportunity

- Increasing demand for good products

❖ Threats/Risks

- Competitive market
- Level of commitment among beneficiaries towards participation in ttraining/capacity building &skill up-gradation

12. Machinery, tools and other equipments

The following machinery and tools need to be procured.

A. CAPITAL COST				
Sr. No.	Particulars of Machinery.	Quantity	Rate per unit	Total Amount
1	Table graft stick	3000	60	180000
2	Knife	10	300	3000
3	Garden shovel tool (bilcha)	2	2000	4000
4	Pick Mattock (gainti)	2	1500	3000
5	Plant of table graft	10000	15	150000
6	Tiller	1	50000	50000
Total capital cost				390000

B. Recurringcost				
Sr. No.	Particulars	Unit	Rate	Amount
1.	Room rent	Permonth	Rate	Amount
2.	Water& electricity	Permonth	1500	1500
3.	Lubricating oil& Pippet	L/S	5000	5000
4.	Wear &tear	Permonth L/S	1400	1400
Total Recurring cost				7900

Economic Analysis (A. Production)

Sr No	Particulars	1 st year	2 nd year	3 rd year	4 th year	5 th year
1.	Capital cost	390000	2,80,000	4,50,000	5,20,000	5,60,000
2.	Recurring cost	94,800	94,800	94,800	94,800	94,000
3.	Table graft stick	3000	4000	6000	6500	7000
4.	Plant of table graft	10000	15000	20000	25000	30000

Economic Analysis (B. Sale)

Sr No.	Particulars	Survival (%)production/year	Quantity	Rate per stics	Total Amount	Expected Production Volume
1.	Plants 1 st year	66%	6,600	250	16,50,000	6,600 plants
	2 nd year	70%	10,500	300	31,50,000	10,500 plants
	3 rd year	70%	14000	320	44,80,000	14000 plants
	4 th year	75%	18,750	340	63,75,000	18,750 plants
	5 th year	80%	24000	350	84,00,000	24000 plants

Total Profit in Five year.

Sr No	Description	Estimated Amount
1	Total Capital cost in five year	2200000
2	Total Production in five year	73850
3	Total sale in Five year	24055000
4	Total Expenditure in Five year	$2200000+474000=2674000$ $24055000-2674000=21381000$
5	Total Profit in five year	$24055000-2674000=21381000$
6	Per member five year profit (20)	1069050/person

Particulars	TotalAmount (Rs.)	Project Contribution (50%)	SHGcontribution (50%)
Total capital cost	390000	1,95,000	1,95,000
Recurring cost	7900	0	7900
10% depreciation on capital cost three month	500	0	500

Total sale in year = 16,50,000

Total expenditure in 2nd st Year =40,0000

However an amount of rupees 195000 is the project support therefore for calculation purpose this amount can safely be deducted from the expenditure column and the net income can be re-cast again. More over the members of SHG will be doing the job collectively therefore their wage shave not been taken into account. The net income at the end of the month is re-cast as under:

Capitalcost		
Particulars	Amount	SHG contribution
Capitalcost	390000	195000
Recurring expenditure	7900	7900
i) 10% depreciation on capital cost three month	500	-
Total	3,99,070	2,02,900
Total cost	3,99,070	2,02,900
Total sale in1styear	16,50,000	--
Net profit	12,50,000	--

13. Fund flow in the group:

Sr.No.	Particulars	TotalAmount(Rs)	Project Contribution	SHG contribution
1	Total capital cost	390000	195000	195000
2	Total Recurring Cost	7900	Nil	7900
3	Trainings	40,000	40,000	Nil
	Total outlay	4,37,900	2,35,000	202,900

Note-

- **Capital Cost**-50% of the total capital cost will be borne by the Project
- **Recurring Cost** –The entire cost will be borne by the SHG/CIG.
- **Trainings/capacity building/skill up-gradation**–Total cost to be borne by the Project

14. Sources of funds and procurement:

Project support;	<ul style="list-style-type: none">• 50% of capital cost will be utilized for purchase of machines.• Upto Rs. 1 lakh will be parked in the SHG bank account as a revolving fund.• Trainings/capacity building/skill up-gradation cost.	Procurement of machines will be done by respective DMU/FCCU after following all codal formalities.
SHG contribution	<ul style="list-style-type: none">• 50% of capital cost to be borne by SHG.• Recurring cost to be borne by SHG	

15. Trainings/capacity building/skill up-gradation

Trainings/ capacity building/ skill up-gradation cost will be borne by project.

Following are some trainings/capacity building/skill up-gradation proposed/needed:

- Teamwork
- Quality control
- Packaging and Marketing
- Financial Management

16. **Loan Repayment Schedule**-If the loan is availed from bank it will be in the form of cash credit limit and for CCL there is no repayment schedule; however, the monthly saving and repayment receipt from members should be routed through CCL.

- In CCL, the principal loan outstanding of the SHG must be fully paid to the banks once a year. The interest amount should be paid on a monthly basis.
- In term loans, the repayment must be made as per the repayment schedule in the banks.

17. **Monitoring Method**–

- Social Audit Committee of the VFDS will monitor the progress and performance of the IGA and suggest corrective action if need be to ensure operation of the unit as per projection.
- SHG should also review the progress and performance of the IGA of each member and suggest corrective action if need be to ensure operation of the unit as per projection.

GroupmembersPhotos-



RESOLUTION-CUM-GROUP CONSENSUS

It is decided in the General House Meeting of the group JICA workshop held on 30/1/2024
at VFDS Gopur that our group will undertake the table graft Apple nursery
Livelihood Income Generation Activity under the Project for Improvement of Himachal Pradesh Forest
Ecosystems Management & Livelihoods (JICA Assisted).

सुशीला
Signature of Group President

प्रधान सचिव
जाईका वॉरियर्स स्वयं सहायता समूह
गांवसारी, तहसील चडगांव
जिला शिमला हि० 70 171208

Surendra Bala
Signature of Group Secretary

प्रधान सचिव
जाईका वॉरियर्स स्वयं सहायता समूह
गांवसारी, तहसील चडगांव
जिला शिमला हि० 70 171208

Handwritten signature in green ink.

BUSINESS PLAN APPROVED BY VFDS

Self help group will undertake the *Table Graft Apple nursery* as livelihood Income Generation Activity under the project for Improvement of Himachal Pradesh Forest Ecosystems Management & Livelihoods (JICA Assisted). In this regard Business Plan of amount (Rs) has been submitted by this group on dated *10/3/2024* and this business plan has been approved by *Gaunsari* VFDS

Business Plan with SHG resolution is being submitted to DMU through FTU for further action, please.

Thank you


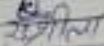

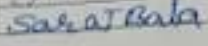
President *[Signature]*
Vill. Forest Development Society
Gaunsari G. P. Gaunsar
Teh. Chirozor Distt Shimla H.P.

Signature Of VFDS President

[Signature]

Signature Of VFDS Secretary

NAME & SIGNATURE OF AUTHORIZED SIGNATORIES

S.No.	NAME	DESIGNATION	SIGNATURE
1.	Pranesh Kumar	Vfd's president	
2.	Kaibhavi Kumari	Vfd's Secretary	
3.	Sushila	Shg president	
4.	Sanghata	Shg secretary	

Submitted to DMU through FTU


 Forest Range Officer
 Forest Range
 Name & Signature of FTU Officer


 Robin Singh
 Name & Signature of FTU Coordinator

Approved


 Name & Signature of DMU Officer
 N. Ravindanker,
 DCF Rohru.

