Bala Kamashwer SHG Sub BMC Bobbar Business Plan









Mashroom Cultivaton





Bio Diversity Management Committee Sub Committee Gram Panchayat Forest Technical Unit Division Management unit Bobbar Bobbar Bobbar Wild Life Range ,Sundernagar Wild Life Division Kullu

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1. Executive summary

Himachal Pradesh is known for its beauty and peace, rich culture and religious heritage. It has a diverse landscape, a wide range of grasslands, and a population of 7.5 million and is spread over 55,673 sq ft, ranging from the foothills of the Shivaliks to the hills (300 – 6816 m above the MSL), high hills and cold starts. Upper Himalayas. It spread in the valley. It's a place where many perennial mercenaries flow in. About 90% of the state's population lives in the land. Agriculture, horticulture, hydropower and tourism are important components of the state. There are 12 districts in the state, Himachal Pradesh Forest Heritage and Livelihood Improvement Project is being implemented in the state including Mandi district, which includes a biodiversity sub-committee along with the closed sanctuary of Sadurnagar in Mandi district. Forests and forests are repositories of rich biodiversity. It forms a vital bond under the protection of the sloping ridge and agriculture and animal husbandry is the primary source of livelihood for the land population. The land people are directly dependent on forest resources for their livelihood and socio-economic development. But the reality is that these resources are continuously depleting due to over-exploitation (e.g., fodder, money, NTFP exploitation and grazing, fire and drought, etc.). The Himachal Pradesh Forest Heritage Project (JICA) has been launched with a Biodiversity Sub-Limit Habitat Planning.

2. Description of SHG/CIG

2.1.	SHG/CIG Name	::	Bala kameshwer
2.2	BMC	::	Bobber
2.3	Range	::	WLSundernagar
2.4	Division	::	WL Kullu
2.5	Village	::	Bobber
2.6	Block	::	Bobber
2.7	District	::	Mandi
2.8	Total No. of Members in SHG	::	09
2.9	Date of formation	::	30/10/2023
2.10	Bank A/C Number	::	
2.11	Bank Details	::	
2.12	SHG/CIG Monthly Saving	::	100
2.13	Total saving	::	2700
2.14	Total Inter-loanning	::	-
2.15	Cash Credit Limit	::	_
2.16	Repayment Status	::	_

3. Geographical location of the village.

3.1	Distance from District headquartes	:	40 KM
3.2	Away from the main road	:	0 Km
3.3	Name of the local market and the name of the market	:	Sundernagar 15 km Nerchowke 25km Mandi 40 km
3.4	Name of the main city and city	:	Sundernagar 15km Nerchowk 25 km Mandi 40 km
3.5	Names of the main cities where the product is sold What will be the marketing?	:	Sundernagar, Nerchowk, but the main market is Mandi

4. Details of the product related to the income generating activity

4.1	Product Name	::	The group will be involved in the production of button machines and shells in a controlled environment.
4.2	Product Identification Methods	::	Although the members of the entire group grow the cash crop of ginger, they are less in the market, so they are not able to meet their financial needs. Therefore, it has been decided by the group that farming will increase their income.
4.3	Consensus of member of common interest group	::	The consent is attached as annexure.

5. Description of production processes

Arrangement for training on mushroom cultivation will be done by JICA project at krishi vikhs Kendra sundernagar.the entire cost of the training will be borne by JICA Project

The group decided to start with the cultivation of the fish in the beginning, which will be completed during February and is more suitable for the cultivation of this cultivated fish in the month leading up to the early July. For 250 bags, tudi and pawn bags will be purchased and produced in the room. For this, a three-tier wood/bamboo rack fug will be installed along with two zot fans. A single plug fan to increase the room temperature and reduce the heat lower will be installed in the hall to maintain the required room temperature. Before loading the bag, the room should be soaked two to three times with folion (5 ml/mL). (100 mg/l). After the Sundernagar input of agricultural development, the Vasaya Yojana has been formulated after Chacha with the group with two crops of Dhagari Mush and two crops of Button Moo (70 to 75 per cent for the crop). Group members 1 hour, half an hour in the morning and half an hour in the evening.

6. Details of planning for production

Expected production in first cycle 75 days	:: The average production of dhingri in one vaam of dhingri tuhi is about 5 kgdham. The yield for 250 bags will be 1000kg of dhingri First crop of dhingri mushroomfrom aprilto end of june Button mushroom;_ The average yield of mushroom from one beg is 2.5 kg 1 beg = 2.5 kg 250 bags x2.5 kg. = 625 kg
Second cycle Expected production in 75 days	:: The average yield of dhingri from one bage of straw is about 5 kgdham. The yield for 250 bags will be 1000kg of dhingri Second crop of dhingri mushroom from (july to end September) Button mushroom The average yield of mushroom from one beg is 2.5 kg 1 beg = 2.5 kg 250 bags x2.5 kg. = 625 kg
Third Expected production in first cycle 75 days)	.: Button mushroom can be grown from October to March in Mandi district. After mixing spawn in compost bag, it takes 30 to 40 days for pinning up of mushrooms. After this three flushes can be taken. A total of 75 days are required for taking three flushes of mushroom crop. The production cycle of one crop will be of 75 days. It will be repeated in four cycles in a year as per the details given below: -First crop of button mushroom (October to December = 75 days) Button Mushroom:- The average yield of mushrooms from one bag is 2.5 kg 1 bag = 2.5 kg 250 bags x 2.5 kg. = 625 kg. Second Crop of Button Mushroom (January to March = 75 days)

	IV (Production cycle (75 days)		Button mushroom is grown from October to April in Mandi district. After mixing the spawn in the bag, it takes 30 to 40 days for the mushrooms to pin up. After this three flushes can be taken. A total of 75 days are required for three crop of mushroom. The production of one crop will be of 75 days. Four cycles in a year will be repeated as per the details given below First crop of button mushroom (September to November = 75 days Second crop of button mushroom (November to January = 75 days)
	Manpower Requirement (Nos.)		Initially the whole group will work together to install/build the racks, clean the room and carry the compost bags from the road to the production sites. After that for the first 30 days 2 persons will work on rotation ben 1 hour each (1/2 hour morning and 1/2 hour evening) for cleaning, humidity, temperature and marketing etc. For the next 31 to 75 days, 4-persons will spend 3 hours a day harvesting, weighing and packing. Marketing hours are not included as one member will regularly sell mushrooms along with ginger in the market. 4 person making compost will work 2 hours a day for 2 days. The total labour work will be for 706 hours, if we divide it by 8 (hours) So this will be 88 days and if we multiply it with the wage rate of Rs 350/day then the cost of labour will be Rs 30800/-
6.3	source of raw materials	::	Agricultural University Palampur and Solan Mushroom Centre is in District Himachal Pradesh
6.4	source of other resources	::	Agricultural University Palampur and Solan Mushroom Centre is in District Himachal Pradesh

7. Marketing / Sales Details

7.1	potential market place	::	Sundernagar 15 km Nerchowk 25 km Mandi 40 km			
7.2	distance from unit	::	Sundernagar 15 km Nerchowk 25 km Mandi 40 km			
7.3	demand for the product in the marke		There is demand for mushrooms throughout the year.			
7.4	Market Identification Process	::	Vegetable selling market Mandi is well established in Sundernagar town.			
7.5	Impact of seasonality on the market.	::	The demand for mushrooms remains high throughout the year. However, during summer, the demand increases further due to tourist and marriage ceremonies.			
7.6	Potential buyers of the product.	::	Potential markets are Mandi, Hospitals of Sundernagar, Hotels, Hostels, Shops, Local residents/ Marriage and other formal occasions etc.			
7.7	Potential consumers in the area		All health conscious citizens / households.			
7.8	Marketing system of the product		Based on the demand and daily supply of mushrooms in the market the group will also sell it in the open market of Sundarnagar market along with local vegetables. Initially the group will contact all the vegetable retailers of Sundarnagar town.			
7.9	Marketing strategy of the product.		After this, as the production increases, retailers in Mandi Bazar will also be approached to sell their produce on commission basis.			
7.10	Product Branding.		"Ideal Fresh Mushroom			
.7.11	product slogan		"Eat mushrooms and stay healthy"			

8. Details of management among group members

All members will undergo training and take care of daily work operations, marketing, departmental relations and biodiversity support, and the SHG members will share the work among themselves

9. Strength , weakness, opportunity, threat Analysis (SWOT Analysis)

Sr no	Expansior		Description		
1.	Power	::	All group members have		
			low local production costs,		
			and demand		
			There are more.		
			The product is in high		
			demand in the local market.		
2.	weakness	::	New self help group, lack		
			of experience in		
			mushroom		
			production/cultivation.		
3.	opportunity	::	The demand is high and the profits are also high.		
4.	Risk	::	he group is plagued by internal conflict, lack of transparency, and		
			high risk appetite.		

10. Description of potential challenges and measures to mitigate them

	Potential risk	::	Ways to reduce them
1.	 Sometimes harmful infections can destroy the crop. Temperature protection and regulation Market saturation 	::	Firstly, it is mandatory to wash hands and feet with soap before entering the room and maintain the cleanliness of the room. Only 2 to 3 persons will enter the room in full uniform (hat, gloves, apron etc.). To avoid fungal attack, spray formalin regularly. Keep checking the required temperature with the help of a thermometer. Keep inspecting other working equipment from time to time. In case of high production or decrease in sales, mushroom soup powder ::And value addition will be done to make other products like pickles, etc.
2.	Internal conflict, transparency in the group	::	To eliminate this cause, conflicts should be resolved at an early stage. Equal risk and equal benefit sharing is required for all group members, give equal respect to every member.
3.	Market		There are always fluctuations in the market, demand and supply always increase and decrease. Therefore, members should keep searching for new markets and buyers.
4.	Production	::	Production will be gradually increased according to the market demand and experience of the members.

11. Description of the economics of the project

Sr.No	Project cost	Amount
Α	Capital cost	
A1	Construction of three tire wood/bamboo rack fittings	17000
1	Ceiling Fan (1 No.)	2500
2	exhaust fans (2)	3000
3	room heat/blower	3500
4	Dry and Wet Thermometer (1 set)	1000
5	Electronic Weighing Machine (1 No.)	1000
6	Hot Plastic Rod (1 No.)	800
7	Medium Spray Pump (1 No.)	2000
8	Set of Sharp Knives (1 Set)	75
9	Scissors, (2 nos.)	400
10	Trays/ Baskets (7 Nos)	700
11	Cantt (4 nos.).	2400
12	Water tank 1000 m 1 no. including vehicle fa	8000
13	Water and electricity fittings material and charges	5000
14	other expenses	3000
	total capital cost	50,375

Cost benefit analysis first cycle:-

SR.NO	Description	Uint	Quantity/number	Rate	Amount
					(in Rs)
अ.1	10% annual depreciation on capital expenditure	Month	3	10%	1260
ৰ.2	Recurring cost for 3 months	month			
(1)	Cost of renting a room in 1 hall Dingri (Mushroom growing unit) @ 1500/month (3 months)	No.	3	1500	4500
(2)	Each bottle contains 250 Formalin	No	2 bottel	300	600

(3)	Wages 88 days (Rs350/day)=26400		day	88	350	30,800
(4)	Dhingri compost bages250 nos @ 50 Rs No bag andother raw material including cart		No	250	50	12,500
(5)	Packaging (packaging material ec	et.)	Kilogram	5	600	3000
(6)	Other transportation		-	-	-	2000
(7)	Electricity and water usage charges @ 1000 per month		Month	3	1000	3000
(8)	Miscellaneous rxpeness (stationery,bill books,Receipts				-	1500
	SUM					57900
(9)	Total production (kg)					1000 dhingri 500 compost
(10)	Production sales (kg)	Dhingr @ 10	ri 1000 kg	@ 200 compo	ost 500 kg Rs	2,00000 5000
					Total	2,05000
(11)	Total profit	2,0500	00 - (1260	+59160)		1,44580
(12)	Gross profit	Gross profit wages room rent 144580+ 30800 + 4500				1,79880
(13)	"kq) net recurring expenditure	RECURRING Expenes-Wages 57900 – 30800				27100
(13)	Amount available for distribution product-net recurring expenses for 205000 –27100	1,77,900				

Cost benefit analysis second cycle

Sr No	Decription		Unit	Quantity/number	Rate	Amount(in Rs)
A.1	10 % Annual depreciation on capi expenditure	ital	Month	3	10%	1260
B.2	Recrring cost for 3 months					
	Rental Room cost 1 hall (Dh Mushroom Growing unit) @ 1 Month (3 Month)	•	Month	3	1500	4500
(2)	Each Bottle contains 250 formalin	1	No	2 Bottel	300	600
3)	Wages 88 days (Rs. 350/day) = F 26400	Rs.	िदन	88	350	30,800
(4)	Dhingri Compost Bags 250 Nos. Rs.50 per bag and other raw mater including cart		नंo	250	50	12,500
(5)	Packaging (packaging materials et	tc.)	िकलो ाम	5	600	3000
(6)	Other transport		_	-	-	2000
7)	Electricity and water usage cha Rs. 1000 per month	irges	माह	3	1000	3000
(8)	Miscellaneous Expenses (Stationer Bill Books, Receipts etc.	ry,			-	1500
	Total					57,900
9)	Hut Production(kg)		4kg/bag	Ţ		1000kg
		J	ri Mushro)		500 kg
(10)	Production Sales(kg)			2,00000 5000		
	C	Compo	ost 500 kg	Rs 10	भोग	2,05000
11)	Total profit 2	2,05000 - (1260 +59160)			1,44580	
12)	_		ss profit wages room rent			1,79880
		1,7988 14458	30 0+30800-	+4500		

(13)	net recurring expenditure	Recurring Expenses – Wages	27100
		57900 – 30800	
(13)			
	Amount available for distribution of profit among members in first cycle = Sale of product – Net recurring expenses for next cycle)		1,77,900
	205000 –27100		

Cost benefit analysis third cycle

Sr No	Description		Unit	Quantity/number	Rate	Amount
A	10% annual depreciation of capital expenditure	on	Month	3	10%	1260
В	Recurring cost for 3 month	ns				
(1)	Cost of renting a room hall (mushroom growin unit)		Month	3	1500	4500
(2)	250ml Formalin in each bo	ottle	No	2 bottel	300	600
(3)	Wages 88 days (Rs.350/da	y)	Day	88	350	30800
(4)	Button Mushroom Compos 250 Nos @ 90 Nos	st Bag	No	250	90	22,500
(5)	Packaging (packaging mate	erials etc.)	Kilo gram	2.5	600	1500
(6)	Other transport		_	-	-	2000
(7)	Electricity and water usage @ Rs 1000 per month	charges	Month	3	1000	3000
(8)	Miscellaneous Expenses (Stationery, Bill Books, Rec etc.)	eipts	Month	3	_	1500
	Total					66400
(9)	Total Production(kg)	Button M	ushroom C	ompost		625 kilogram1250kilogram
(10)	Production Sales(kg)	625 kg @ @ Rs. 10		Compost 1250 kg		93750 12500
					Total	1,06,250
(11)	total profit	106250-	(1260 + 67)	660)		37,330
(12)	gross profit	Gross profit + wages + room rent 37330 + (30800 + 4500) =				72630
(13)	net recurring expenditure	, , , , , , , , , , , , , , , , , , ,				33600
		Recurring Expenses – Wages 64400 – 30800				
(14)		5250 - 33600 Amount available for distribution of profit among mbers in the third cycle (Sale of product – Net recurring expenses				72650

Cost benefit analysis fourth cycle

Sr No	Description		Unit	Quantity/number	Rate	Amount
						(in
A	10% annual depre expenditure	eciation on capital	Month	3	10%	1260
В	Recurring cost f	for 3 months				
(1)	Cost of renting (mushroom graduate and 1500 / months)	,	Month	3	1500	4500
(2)	Each bottle conta 250 Formalin		No	2 Bottel	300	600
(3)	Wages 88 days (Rs.350/day)		Day	88	350	30800
(4)	Button Mushroon 250 nos @ Rs.90 including cart	n Compost Bags per bag and others	No	250	90	22,500
(5)	Packaging (packa etc.)	ging materials	Kilogram	2.5	600	1500
(6)	transportation		_	-	-	2000
(7)	electricity and water usage charges 1000		Month	3	1000	3000
(8)	Miscellaneous Ex Bill Books, Recei	penses (Stationery, pts etc.)	Month	3	-	1500
	To	otal				66400
(9)	Total Production(k g)	Button Mushroo	om Compost	:	1	625 िकलो ाम 1250 िकलो ाम
(10)	Production 625 kg @ Rs. 1 Sales(kg) Rs. 10			t 1250 kg @		93750 12500
		Total				106250
(11)	total profit	106250- (1125	+ 62,500)			37330
(12)	gross profit	Total profit 37330+(30800		iges room re	nt	72630

small (13)	net recurring	Amount available for distribution of profit among	72650
	expenditure	members in third cycle = Sale of product for second	
		cycle	
		net recurring expenditure	
		106250 - 33600	

^{*} Next year after the above four cycles. In every year the cycles will be repeated in the same manner.

The above net recurring expenditure for mushrooms has been kept in the first cycle of the next year

C.	income	
S	Direct income	
.1		
	(i) First cycle degree	
		177900
	(ii) Second cycle Dhingri	
	(iii) Third wheel button mushroom	1,77900
	(IV) Fourth cycle button mushroom	72650
		72650
	Total direct you	501100
स.2	Indirect income	
	Labour	
	(i) First cycle	30,800
	(ii) second cycle	30,800
	(iii) third cycle	30,800
	(iv) Froth cycle	30,800
	Total	1,23,200
	Room rent	
	(i) First cycle	4500
	(ii) Second cycle	4500
	(iii) Third cycle	4500
	(iv) Forth cycle	4500

Total	18,000
Insirect you	1,41,200
"kq) Net income	3,59,900

12. Summary of the Economy

(a) cost of production (for all four cycles

Sr no	Description		Amount
1	total recurring cost		
	(1)		57900
	first cycle		
	boastful		57900
	(II) Second round		
	boastful		
	(3rd round)		66400
	button mushroom		
	(IV) fourth circle		66400
	Buttm musroom		
		Total	2,48,600
2	10% annual depreciation on capital		5040
	cost		
		Total	2,53,640

(B) Summary of production costs

Sequential

Sr No	Description	Amount
1	recurring costs	2,48,600
2	10% annual depreciation on capital cost	5040
	Amount (in Rs)	
	Total	2,53,640

(C) estimation of selling price

sequentia

Sr No	Description	Unit	Amount
1	Recurring cost (2,48,600/3250)	Kilogram	76.5
2	लाभ (fixed) 101.5%	Kilogram	77.7
	Total		154.2
3.	Average market price	Kilogram	180

13. Benefit-Cost Analysis (Annual)

Sr No	Description	Amount
1	10% annual depreciation on capital	5,040
	cost (a)	
2	Recurring cost	
2.1	Room rent	18000
2.2	Lobour	1,23,200
2.3	Cost of compost bags	70000
2.4	Pheomelin	2400
2.5	Packaging (packaging materials etc.)	6000
2.6	Transportation	8000
2.7	electricity and water usage	12000
2.8	Miscellaneous Expenses (Stationery, Bill Books, Receipts etc.)	6000
	Total	2,45,600
3	Total production of Dhingri and Button mushroom	3250Kg
4	Selling price of Dhingri and Button Mushroom	501100
5	selling price of fertilizer	42500
	Total	543600
6	Total Profit = Selling Price – (Depreciation + Recurring Cost) = 543600- (5040 +245600)	293560
7	Gross profit = Total profit Wages Room rent = 293560+123200+ 18000	434760
8	Distribution of profit among group members after four cycles = Total profit (Net recurring expenditure for fifth cycle) = 293560-27100)	266460

Note: This amount is excluding the labourer. It is clear from the above that every member will get a profit of Rs. 29606 by working two hours per day. This work will be done by the labour group member. Hence the group member will get an additional income of Rs. 13689 from wages. Thus, there will be an increase of Rs. 43295 in the income in a year.

14. Need for money

Sr No	Description	Amount
1	75% grant of capital expenditure by the project	37781
2.	Beneficiary Share (25% of capital expenditure)	12594
3.	Monthly contribution till now	6000
4	Loan from bank	-
	Total	44375

- 1. * Rs. 1,00,000 will be provided to the self help groups as a revolving fund to avail loan from the bank.
- 75% of the capital cost will be borne by the projec

The remaining beneficiary share of recurring expenditure and capital expenditure will be deposited by the group members in cash

15. Calculation of break even point:

Break Even Point = Capital Cost / Sales / Kg – Recurring Cost / Kg

50375/154.2-76.5 = 50375/77.7-648.3 kg

The break even point will be achieved after six months after selling average Dhingri & Button Mushroom of 648.3 Kg.

17. Comment:

If there is more production of mushrooms, the group members can increase their income by adding value to the mushrooms by making pickles, soups, etc.

"They contain several minerals, such as selenium, potassium, copper, iron and phosphorus, that are often not found in plant-based fertilizers."

- 1. Mushrooms can help keep you young.
- 2. Mushrooms can improve your brain power as you age.
- 3. Mushrooms can improve your memory.
- 4. Mushrooms can help keep your heart healthy.
- 5. Mushrooms can help strengthen your bones.
- 6. Mushrooms will help give you energy.
- 7. Mushrooms help in fighting many diseases, especially cancer.

समहू का सहमती पत्र

आज दिनाक 👉 ० - २०२८ को शालाज्ये देवर स्वयं महायता समह की बैठक हुई । बैठक प्रधानकी पात का शिला देवित अध्यक्षता में हुई जिसमें समह के सदस्यों ने सर्व महमती से निर्णय लिया की आय बढ़ाने के लिए मसरूम का कार्य करने क लिए हिमाचल प्रदेश वन पारीस्थिती तन्त्र प्रवधन और आजीविका सुधार पारियोजना (जयका) से जुड़नेकी सहमती प्रदान करते हैं।

Anitakomasi समह के सचिव के हस्ताक्षर

BMC S

Glures Treasurer

B.O. Bober

Range Forest Officer Wildlife Panage

Sundemagar (H.P.)

Assistant Conservat

Wild Life Livinion and and

स्वीकृति

Divisional Management मंत्राका Divisional For

List of Common Interest Group Rules

- 1. Name of the group Balkeshwar Self Help Group
- 2. Group Address State Village Basahu, Post Office Seri Kothi Tehsil Sundernagar and District Mandi, Himachal
- 3. Total members of the group: 09
- 4. Date of the first meeting of the group:
- 5. There will be an interest of Rs 2 on every Rs 50 in the group
- 8. The group will meet on the 1st of every month
- 7. All the members of the group will deposit the amount saved every month in the group
- a. All members must attend the self-help group meeting
- 9. An account has been opened by the self-help group in the State Cooperative Bank, whose account number is
- 10. In order to remain absent from the group meeting, permission has to be taken from the head and secretary by citing appropriate work.
- 11. If a person does not deposit the savings amount in the group or remains absent from the group for 3 meetings, then that person will be expelled from the group.
- 12. If any person in the group remains absent without giving any reason then the next meeting will be held at that person's house whose expenses will have to be borne by that person himself. If there are two members then the expenses will have to be borne jointly.

- 13. The head and secretary of the self-help group will be elected by consensus
- 14. Pradhan and Secretary can do transactions with the bank. This post will be valid for one year.
- 15. The head, secretary or member will not do anything against the group and will always use the money of the group properly.
- 16. If a member wants to leave the group for any reason, if this person has taken a loan, then he has to return it to the group, only then he is allowed to leave the group, otherwise not.
- 17. The purpose of the loan, the time of repayment of the amount, the loan instalments and the rate of interest will be decided in the meeting.
- 18. The head and secretary should have at least Rs 1000 for emergency situations
- 19. The register of the self help group should be read and written in front of all the members
- 20. Big borrowers will have to give one week's notice
- 21. Loan should be available to all members in times of need
- 22. If a member wishes to leave the group without reason then the deposit of that member will be distributed among the group
- 23 The group will have to submit its monthly report to the office of the Field Technical Unit every month.

Photograhs of Bala kameshwar self help group (Bobber Sub Committee)Member

