

KHADI & VILLAGE INDUSTRIES COMMISSION
PROJECT PROFILE FOR GRAMODYOG ROJGAR YOJANA

COMMERCIAL APIARY UNIT (100 Bee Colonies of Apis cerana)

Beekeeping is an ideal activity for development as a subsidiary occupation providing supplementary income. Beekeeping is feasible in areas where adequate bee flora available for a minimum period of 6 months. Honey produced by Indian hive bee Apis cerana is collected by modern extractor. Besides honey, other products like Bees wax, Royal jelly, bee venom, etc are obtained from bee colonies.

1	Name of the Product	:	Honey
2	Project Cost	:	
	a Capital Expenditure		
	Land	:	
	Building Shed 1000 Sq.ft	:	Rs. 0.00
	Equipment	:	Rs. 160000.00
	(Bee hives, Nucleus box, Hive stand Ant well, Queen gate, Feeder frame, Hive tool, Swarm net, Bee veil, smoker, Honey extractor, Bee colonies, Storage drum, etc..		
	Total Capital Expenditure	Rs.	160000.00
	b Working Capital	Rs.	11000.00
	TOTAL PROJECT COST	: Rs.	171000.00

3 Estimated Annual Production of Honey : (Value in '000)

Sr.No.	Particulars	Quantity	Rate	Total Value
1	honey, wax, queen bee, bee colonies	1290.00 Kgs.	55.00	70.90
	TOTAL	1290.00	55.00	70.90

4	Raw Material	:	Rs. 2000.00
5	Sugar feeding, Migration, Disease control	Rs.	4000.00

6 Wages (Skilled & Unskilled)	: Rs.	24000.00
7 Salaries	: Rs.	15000.00
8 Administrative Expenses	: Rs.	1000.00
9 Overheads	: Rs.	750.00
10 Miscellaneous Expenses	: Rs.	500.00
11 Depreciation	: Rs.	16000.00
12 Insurance	: Rs.	1600.00
13 Interest (As per the PLR)		
a. C.E.Loan	: Rs.	20800.00
b. W.C.Loan	: Rs.	1430.00
Total Interest	Rs.	22230.00
14 Working Capital Requirement		
Fixed Cost	Rs.	38900.00
Variable Cost	Rs.	32180.00
Requirement of WC per Cycle	Rs.	11847.00

15 Estimated Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	38.90	23.34	16.34	13.07
2	Variable Cost	32.00	19.20	13.44	10.75
3	Cost of Production	70.90	42.54	29.78	23.82
4	Projected Sales	150.00	90.00	63.40	50.40
5	Gross Surplus	79.10	47.46	33.62	26.58
6	Expected Net Surplus	63.00	31.00	17.00	11.00

Note : 1.All figures mentioned above are only indicative and may vary from place to place.

2. If the investment on Building is replaced by Rental then

- a. Total Cost of Project will be reduced.
- b. Profitability will be increased.
- c. Interest on C.E.will be reduced.