

Global Cooling Foundation, Dist. Kolhapur

COST BENEFIT ANALYSIS OF CULTIVATION FOR BEEMA BAMBOO PLANTATION AS ON JULY 2014

Area - 1 Acre

Spacing : 10 X 4 Ft

No. Of Saplings-100

SR NO	ITEMS	1 year	2 year	3 year	4 year	5 year	6 year	7year	8 year	9 year	10 year	TOTAL
1	Land Preparation	10000										10000
2	Polughing / Weeds removal	5000	4000	0	0	0	0	0	0	0	0	9000
3	Beema Bamboo Sapling	45000										45000
4	Mortality replacement 3%		1350									1350
5	Manure 1500 cu.ft (10 trolleys)	8000										8000
6	Fertilizer	8000	12500	12500	13000	15000	15000	16000	16000	18000	18000	144000
7	Plant protection(thorny fence)	2000	2000	2000	2000	3000	3000	3000	3000	4000	4000	28000
8	Irrigation	8000	8000	8000	8000	10000	10000	12000	12000	14000	14000	104000
9	Farm Management	3000	3000	3000	5000	5000	5000	7000	7000	8000	8000	54000
10	Labour cost	8000	8000	8000	10000	10000	10000	10000	12000	12000	12000	100000
11	TOTAL	97000	38850	33500	38000	43000	43000	48000	50000	56000	56000	503350
12	Contingencies 10 %	9700	3885	3350	3800	4300	4300	4800	5000	5600	5600	50335
13	GRAND TOTAL	106700	42735	36850	41800	47300	47300	52800	55000	61600	61600	553685
Income Returns if the bamboo are sold on pole/post basis length 25-40 ft												
14	No of culms / clump			2	3	4	5	5	6	6	7	38
15	No of culms (Poles)			2000	3000	4000	5000	5000	6000	6000	7000	38000
16	Total Income @ per pole Rs.			25	100	125	150	150	150	200	200	1100
17	Net Income			50000	300000	500000	750000	750000	900000	1200000	1400000	5850000
18	Total Expenses	106700	42735	36850	41800	47300	47300	52800	55000	61600	61600	553685
	Net Profit			136285	121915	452700	702700	697200	845000	1138400	1338400	5160030

Note:- According to site situation & Field condition figures may vary 10 % (+/-)