

Budget and Income Estimate - Bamboo Planting in 1 acre of Land

Commercially viable bamboo species : B. balacova, B. tulda, B. nutans , Dendrocalamus stictus, Dendrocalamus brandisii, Dendrocalamus stocksii, Guaduva angustifolia (Dendrocalamus giganteus(elephant bamboo) also fetches good returns but its demand is limited)

Total Number possible in 1 acre : 240

Average life span of bamboo : 25 years

Item	1 st year (in Rs.)	2 nd year (in Rs.)	3 rd year (in Rs.)	4 th year	5 th year	6 th year	7 th year	8 th year onwards
Seedlings	12500-15000	2000(mortality replacement)						
Labor	5000- 7000	1800-2200						
Weeding	8000-11000	5000-7000						
Pruning and Branch Clearing			5000-7000	5000-7000	5000-7000	5000-7000	5000-7000	
Irrigation (If required)	As actuals	As actuals						
Income					240*5*50=60000 (240 clumps will mature by 5 th year, from each clum, 5	240*5*70=840000	240*5*100=120000	240*5*150=180000

					poles can be extracted, 1 pole is charged at Rs. 50 for first year. The pole size increases as it matures and will fetch higher price in the following years.			
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Note:

1. Growth of the bamboo depends on the fertility of the area and the soil.
2. Periodic application of manure and irrigation in summer will help to enhance the yield.
3. In the initial two years intercropping is possible in the land.
4. The rates mentioned are as per Kerala standards of 2018-19 and is subjected to variation depending on the area
5. The cost of plants depends on the species.