

COST AND RETURN ANALYSIS OF  
FORESTRY TREES

Number of Seedling to Plant?

168

Per Hectare

Population (# of seedlings) 2,500 hills (2.5 x 2.5 m)

A. RETURN		Qty	Unit	Price/Unit	y1	y2	y3	y4	y5	y6	y7	y8	y9	y10
	Board foot/cubic meter	3	cu. m	4,000										
	Total													
B. VARIABLE COST														
Establishment phase/Material Inputs														
	Assorted Forestry Seedlings	168	seedling	3.00	504									
	Booster Fertilizers (bags)	0.07	bag	360.00	24									
	Hauling and transport cost	168	seedling	0.60	101									
	Sub-Total				629									
Labor Inputs					-									
	Survey, Mapping and blocking													
	Land preparation				-									
	Cleaning and slashing	168	seedling	0.80	134									
	Staking	168	stake	0.25	42									
	Hole Digging	168	holes	0.50	84									
	Hauling of Seedlings													
	Planting/watering/fertilizing/mulching	168	seedling	0.30	50									
	Care of plants													
	Weeding and cultivation	168	tree	0.75	63	126	126	126	126	126	126	126	126	126
	Pruning and sanitation	168	tree	0.30	25	50	50	50	50	50	50	50	50	50
	Harvesting (P.05 x fruit)		fruit											
	Sub-Total				399	176	176	176	176	176	176	176	176	176
	TOTAL COST OF PRODUCTION				399	176	176	176	176	176	176	176	176	176
	Commulative Total Cost of Production				399	575	752	928	1105	1281	1457	1634	1810	1987
MEASURES OF PROFITABILITY														
	Gross margin (Gross Return less Material Inputs)				(629)									
	Gross margin after labor cost (RAVC)				(399)	(176)	(176)	176	176	(176)	(176)	(176)	(176)	(176)
	Net Income/Loss				(399)	(575)	(752)	(928)	(1105)	(1281)	(1457)	(1634)	(1810)	(1987)
	Return of Investment (%)				-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%