








DENSE AGROFORESTRY MODEL : ESTIMATED CROP-WISE YIELD PER 5 ACRES








This plantation density is engineered using Spacing Logic, Shade Logic, Water Logic, Soil Preparation & Layout Design

INTERCROP PLANT	NATIVE PLANT	INTERCROP PLANT	NATIVE PLANT	INTERCROP PLANT	COMMERCIAL PLANTS (long term)	
<p>COCOA (कोको)</p>  <p>ICP-1</p>	<p>RAM GANGA COCONUT (नारियल)</p>  <p>NP-1</p>	<p>BLACK PEPPER (काली मिर्च)</p>  <p>ICP-2</p>	<p>ARECA NUT (सुपारी)</p>  <p>NP-2</p>	<p>NUTMEG (जायफल)</p>  <p>ICP-3</p>	<p>AGARWOOD (अगर/ ऊद)</p>  <p>CP-2</p>	<p>SANDALWOOD (चंदन)</p>  <p>CP-1</p>
<p>HARVEST CYCLE: Annual Harvest Income from 4th Year onwards</p>	<p>HARVEST CYCLE: Annual Harvest Income from 4th Year onwards</p>	<p>HARVEST CYCLE: Annual Harvest Income from 5th Year onwards</p>	<p>HARVEST CYCLE: Annual Harvest Income from 6th Year onwards</p>	<p>HARVEST CYCLE: Annual Harvest Income from 7th Year onwards</p>	<p>HARVEST CYCLE: Harvest Income every 10 Years</p>	<p>HARVEST CYCLE: Harvest Income every 16 Years</p>
<p>PLANTS PER 5 ACRES: 500 Plants</p>	<p>PLANTS PER 5 ACRES: 100 Plants as plot boundary</p>	<p>PLANTS PER 5 ACRES: 2500 Vines (over Areca Nut Trees)</p>	<p>PLANTS PER 5 ACRES: 250 Plants</p>	<p>PLANTS PER 5 ACRES: 500 Plants</p>	<p>PLANTS PER 5 ACRES: 1500 Plants</p>	<p>PLANTS PER 5 ACRES: 1000 Plants</p>
<p>ESTIMATED YIELD/TREE: 1.25 Kg</p>	<p>ESTIMATED YIELD/TREE: 200 Nuts</p>	<p>ESTIMATED YIELD/TREE: 500 gms</p>	<p>ESTIMATED YIELD/TREE: 2 Kg</p>	<p>ESTIMATED YIELD/TREE: 200 Fruits</p>	<p>ESTIMATED YIELD/TREE: 3 Kg (Resin)</p>	<p>ESTIMATED YIELD/TREE: 20 Kg (Heartwood)</p>
<p>ESTIMATED YIELD/ANNUM: 625 Kg</p>	<p>ESTIMATED YIELD/ANNUM: 20000 Nuts</p>	<p>ESTIMATED YIELD/ANNUM: 1250 Kg</p>	<p>ESTIMATED YIELD/ANNUM: 500 Kg</p>	<p>ESTIMATED YIELD/ANNUM: 375 Kg (Japatri) 1000 Kg (Jajaikaya)</p>	<p>ESTIMATED YIELD/ANNUM: 4500 Kg (Resin)</p>	<p>ESTIMATED YIELD/ANNUM: 20000 Kg (Heartwood)</p>
<p>MARKET PRICE: 200/- per Kg</p>	<p>MARKET PRICE: 35/- per Nut</p>	<p>MARKET PRICE: 600/- per Kg</p>	<p>MARKET PRICE: 320/- per Kg</p>	<p>MARKET PRICE: Japatri @ 1500 per Kg Jajaikaya @ 200 per Kg</p>	<p>MARKET PRICE: 25000/- per Kg</p>	<p>MARKET PRICE: 8000/- per Kg</p>
<p>ESTIMATED ANNUAL REVENUE from 4th Year</p> <p style="text-align: center;">↓</p>	<p>ESTIMATED ANNUAL REVENUE from 4th Year</p> <p style="text-align: center;">↓</p>	<p>ESTIMATED ANNUAL REVENUE from 5th Year</p> <p style="text-align: center;">↓</p>	<p>ESTIMATED ANNUAL REVENUE from 6th Year</p> <p style="text-align: center;">↓</p>	<p>ESTIMATED ANNUAL REVENUE from 7th Year</p> <p style="text-align: center;">↓</p>	<p>ESTIMATED REVENUE in 10 Years</p> <p style="text-align: center;">↓</p>	<p>ESTIMATED REVENUE in 16 Years</p> <p style="text-align: center;">↓</p>
<p>1.25 Lakhs</p>	<p>7 Lakhs</p>	<p>7.5 Lakh</p>	<p>1.6 Lakh</p>	<p>7.5 Lakh</p>	<p>11.25 Cr</p>	<p>16 Crores</p>
<p>27 Cycles (Yearly)</p>	<p>27 Cycles (Yearly)</p>	<p>26 Cycles (Yearly)</p>	<p>25 Cycles (Yearly)</p>	<p>24 Cycles (Yearly)</p>	<p>3 Cycles (10 Yearly)</p>	<p>1 Cycle (16 Yearly)</p>

ESTIMATED AGRICULTURE YIELD FOR 5 ACRE LAND UNIT IN 30 YEARS

Min Purchase = 5 Acres @ 20 Lakh/ Acre = 1 Crore

Year	1	2	3	4	5	6	7	Total Yield	Fixed Annual Expenditure	Projected Income	Land Onwer Share @ 40%	Simple Annual ROI	Cash Flow	Income Stages	
	Cocoa  कोको	Coconut  नारियल	Black Pepper  काली मिर्च	Areca Nut  सुपारी	Nutmeg  जायफल	Agar Wood  ऊद	Sandal Wood  चंदन						Lakhs		
-1	Development & Plantation period (1 Year)														
1	3 Years - Set up Phase / Gestation Period								2.5					-103	Set Up Phase
2									2.5					-105	
3									2.5					-108	
4	1.25	7.0						8	2.5	5.8	2		-105	Annual Income	
5	1.25	7.0	7.5					16	5	10.8	4		-101		
6	1.25	7.0	7.5	1.6				17	5	12.4	5		-96		
7	1.25	7.0	7.5	1.6	7.5			25	5	19.9	8		-88		
8	1.25	7.0	7.5	1.6	7.5			25	10	14.9	6		-82		
9	1.25	7.0	7.5	1.6	7.5			25	5	19.9	8		-74		
10	1.25	7.0	7.5	1.6	7.5	1125		1150	5	1144.9	458	49%	384	WEALTH YEAR	
11	1.25	7.0	7.5	1.6	7.5			25	5	19.9	8		392	Annual Income	
12	1.25	7.0	7.5	1.6	7.5			25	5	19.9	8		400		
13	1.25	7.0	7.5	1.6	7.5			25	5	19.9	8		408		
14	1.25	7.0	7.5	1.6	7.5			25	5	19.9	8		416		
15	1.25	7.0	7.5	1.6	7.5			25	5	19.9	8		424		
16	1.25	7.0	7.5	1.6	7.5		1,600	1625	20	1604.9	642	73%	1065	WEALTH YEAR	

Year	1	2	3	4	5	6	7	Total Yield	Fixed Annual Expenditure	Projected Income	Land Owner Share @ 40%	Simple Annual ROI	Cash Flow	Income Stages
	Cocoa  कोको	Coconut  नारियल	Black Pepper  काली मिर्च	Areca Nut  सुपारी	Nutmeg  जायफल	Agar Wood  ऊद	Sandal Wood  चंदन						Value in Lakhs	
17	1.25	7.0	7.5	1.6	7.5			25	10	14.9	6		1071	Annual Income
18	1.25	7.0	7.5	1.6	7.5			25	10	14.9	6		1077	
19	1.25	7.0	7.5	1.6	7.5			25	10	14.9	6		1083	
20	1.25	7.00	7.5	1.6	7.5	1125		1150	10	1139.9	456	82%	1539	WEALTH YEAR
21	1.25	7.00	7.5	1.6	7.5			25	15	9.9	4		1543	Annual Income
22	1.25	7.00	7.5	1.6	7.5			25	15	9.9	4		1547	
23	1.25	7.00	7.5	1.6	7.5			25	15	9.9	4		1551	
24	1.25	7.00	7.5	1.6	7.5			25	15	9.9	4		1555	
25	1.25	7.00	7.5	1.6	7.5			25	15	9.9	4		1559	
26	1.25	7.00	7.5	1.6	7.5			25	15	9.9	4		1563	
27	1.25	7.00	7.5	1.6	7.5			25	15	9.9	4		1567	
28	1.25	7.00	7.5	1.6	7.5			25	15	9.9	4		1571	
29	1.25	7.00	7.5	1.6	7.5			25	15	9.9	4		1575	
30	1.25	7.00	7.5	1.60	7.50	1125		1150	20	1129.9	452	71%	2027	WEALTH YEAR
Total	34	189	195	40	180	3375	1600	5613	285	5335	2134	Estmtd Take Home - 20 Cr post Pay Back		
	Cocoa	Coconut	Black Pepper	Areca Nut	Nutmeg	Agar Wood	Sandal Wood	Total Yield/ 5 Acres	Approx. Expenses	Land owner Profits/5 acres	Land Owner 40% Profits			

FINANCIAL SUMMARY of 1 Cr Investment for 30 Years
ESTIMATED INCOME of 20 Crores in 30 Years along with Highly Appreciated Land ownership of 5 Acres.

KIND ATTENTION :

- Fixed expenditure includes but is not limited to: Man Power, Fertigation, Pest management, Operational charges, Repairs, Power.
- Additional expenditures like, Harvesting, grading, Permissions, Processing, Sales will be subjective to each crop.

DISCLAIMER

All the crops selected, including the number of plants per acre, are based on feasibility reports provided by

1. Dr. H.S. Ananthapadmanabha, Retired Senior Scientist at the Indian Institute of Wood Science and Technology,
2. Dr. Prasad, Chief Horticulturist for World Taj Hotels, and
3. Dr. Manjunath, Agronomy Consultant.

Since this is an agroforestry model where certain trees are interdependent and some are companion plants, the density and spacing of the crops follow their expert recommendations. The yields have been estimated based on the current reports, and prices have been considered according to the latest market trends.

However, it is important to note that agriculture comes with inherent challenges and uncertainties, including weather conditions, market fluctuations, marketing dynamics, and changes in government policies. These estimates are indicative and should not be taken as actuals. Actual results may vary based on these and other unforeseen factors.

THANK YOU

30-YEARS PREMIUM WEALTH CREATION MODEL

ESTIMATED Agriculture Yield for 5 Acre Land Parcel in 30 Years in Legacy Farms (Inwest), Near GOA



TOTAL ESTIMATED AGRICULTURE YIELD IN 30 YEARS = 20 Cr for each 5 Acre Land Parcel