

SYMPHONY

THE FUTURE OF FARMING!



DETAILED WORKSHEET OF HYDROPONICS & GROWBAG WITH COCOPEAT PROJECTION

SOILLESS NVPH-GROWBAG WITH COCOPEAT (Coloured Capsicum + English Cucumber)

Farm Size	1 Acre	2 Acre	3 Acre	3.5 Acre	5 Acre	10 Acre
Project Cost (Including GST)	6,000,000.00	11,700,000.00	17,000,000.00	19,425,000.00	26,900,000.00	51,500,000.00
Maximum Loan @ 75%	4,500,000.00	8,775,000.00	12,750,000.00	14,568,750.00	20,175,000.00	38,625,000.00
Tentative Subsidy	2,750,000.00	5,500,000.00	8,250,000.00	10,122,500.00	13,750,000.00	27,500,000.00
Upfront Capital	1,500,000.00	2,925,000.00	4,250,000.00	4,856,250.00	6,725,000.00	12,875,000.00
Net Capex	3,250,000.00	6,200,000.00	8,750,000.00	9,302,500.00	13,150,000.00	24,000,000.00
No. of Cycles Yearly (Color Capsicum)	1.00	1.00	1.00	1.00	1.00	1.00
No. of Plants	12,000.00	24,000.00	36,000.00	42,000.00	60,000.00	120,000.00
Yield/plant in 8-9 Months (Color Capsicum)	3.00	3.00	3.00	3.00	3.00	3.00
Total Production in One Cycle	36,000.00	72,000.00	108,000.00	126,000.00	180,000.00	360,000.00
Sales Rate/kg (Yearly Average Rate)	100.00	95.00	95.00	90.00	90.00	85.00
Tentative Gross Income (One Cycle Capsicum)	3,600,000.00	6,840,000.00	10,260,000.00	11,340,000.00	16,200,000.00	30,600,000.00
Operational Expenses						
Seeds	105,600.00	211,200.00	316,800.00	369,600.00	528,000.00	1,056,000.00
Germination Cost	18,000.00	36,000.00	54,000.00	63,000.00	90,000.00	180,000.00
Labour (4/8/11/15/30 person x Rs.12,000 x 9 months)	432,000.00	864,000.00	1,188,000.00	1,404,000.00	1,620,000.00	3,240,000.00
Fertilizer/Nutrients/Biopesticides	415,000.00	830,000.00	1,245,000.00	1,452,500.00	2,075,000.00	4,150,000.00
Electricity	150,000.00	285,000.00	375,000.00	425,000.00	590,000.00	1,180,000.00
Employees (1/2/3/4/5/10)	450,000.00	675,000.00	1,035,000.00	1,195,000.00	1,485,000.00	2,385,000.00
Interest on Loan (6%)	105,000.00	196,500.00	270,000.00	367,500.00	385,500.00	667,500.00
Farm Maintenance	239,500.00	479,000.00	718,500.00	838,250.00	1,197,500.00	2,395,000.00
Total Expense (One Cycle Capsicum)	1,915,100.00	3,576,700.00	5,202,300.00	6,114,850.00	7,971,000.00	15,253,500.00
Net Income (One Cycle Capsicum)	1,684,900.00	3,263,300.00	5,057,700.00	5,225,150.00	8,229,000.00	15,346,500.00
Net Income (Coloured Capsicum + English Cucumber)						
Net Profit	1,984,900.00	3,863,300.00	5,957,700.00	6,425,150.00	9,729,000.00	18,346,500.00
ROI %	61.07	62.31	68.09	69.07	73.98	76.44
Pay Back Period in Years	1.64	1.60	1.47	1.45	1.35	1.31
<i>Crop Considered - 1 Cycle of Color Capsicum (8-9 months) & 1 Cycle of English Cucumber (3-4 months) in 1 Year of Operations.</i>						

Note – Above mentioned project cost is excluding Transportation & Client scope, and are just tentative calculations, actual results may vary depending on various controllable & uncontrollable factors.

SOILBASED-NATURALLY VENTILATED POLYHOUSE (Coloured Capsicum + English Cucumber)



Farm Size	1 Acre	2 Acre	3 Acre	4 Acre	5 Acre	10 Acre
Project Cost (Including GST)	4,300,000.00	8,200,000.00	11,900,000.00	15,400,000.00	18,800,000.00	36,000,000.00
Maximum Loan @ 75%	3,225,000.00	6,150,000.00	8,925,000.00	12,300,000.00	14,100,000.00	27,000,000.00
Tentative Subsidy	2,750,000.00	5,357,500.00	7,740,000.00	10,365,000.00	12,750,000.00	25,500,000.00
Upfront Capital	1,075,000.00	2,050,000.00	2,975,000.00	3,100,000.00	6,050,000.00	10,500,000.00
Net Capex	1,550,000.00	2,842,500.00	4,160,000.00	5,035,000.00	6,050,000.00	10,500,000.00
No. of Cycles Yearly (Color Capsicum)	1.00	1.00	1.00	1.00	1.00	1.00
No. of Plants	12,000.00	24,000.00	36,000.00	48,000.00	60,000.00	120,000.00
Yield/plant in 6-7 Months (Color Capsicum)	2.00	2.00	2.00	2.00	2.00	2.00
Total Production in One Cycle	24,000.00	48,000.00	72,000.00	96,000.00	120,000.00	240,000.00
Sales Rate/kg (Yearly Average Rate)	100.00	95.00	95.00	90.00	90.00	85.00
Tentative Gross Income (One Cycle Capsicum)	2,400,000.00	4,560,000.00	6,840,000.00	9,120,000.00	10,800,000.00	20,400,000.00
Operational Expenses	COLOURED CAPSICUM					
Seeds	105,600.00	211,200.00	316,800.00	422,400.00	528,000.00	1,056,000.00
Germination Cost	18,000.00	36,000.00	54,000.00	72,000.00	90,000.00	180,000.00
Labour (4/8/11/15/30 person x Rs.12,000 x 9 months)	384,000.00	768,000.00	1,056,000.00	1,536,000.00	1,440,000.00	2,880,000.00
Fertilizer + Pest & Disease Management	175,000.00	350,000.00	525,000.00	700,000.00	875,000.00	1,750,000.00
FYM+Basal+Land Preparation+Mulching	70,000.00	140,000.00	210,000.00	280,000.00	350,000.00	700,000.00
Electricity	115,000.00	200,000.00	295,000.00	400,000.00	475,000.00	950,000.00
Employees (1/2/3/4/5/10)	400,000.00	680,000.00	800,000.00	1,000,000.00	1,320,000.00	2,120,000.00
Interest on Loan (6%)	28,500.00	47,550.00	71,100.00	95,100.00	81,000.00	90,000.00
Total Expense (One Cycle Capsicum)	1,296,100.00	2,432,750.00	3,327,900.00	4,865,500.00	5,159,000.00	9,726,000.00
Net Income (One Cycle Capsicum)	1,103,900.00	2,127,250.00	3,512,100.00	4,254,500.00	5,641,000.00	10,674,000.00
Net Income (Coloured Capsicum + English Cucumber)						
Net Income Including English Cucumber	1,403,900.00	2,727,250.00	4,412,100.00	5,154,500.00	7,141,000.00	13,674,000.00
ROI %	90.57	95.95	106.06	102.37	118.03	130.23
Pay Back Period in Years	1.10	1.04	0.94	0.98	0.85	0.77
<i>Crop Considered - 1 Cycle of Color Capsicum (8-9 months) & 1 Cycle of English Cucumber (3-4 months) in 1 Year of Operations.</i>						

Note – Above mentioned project cost is excluding Transportation & Client scope, and are just tentative calculations, actual results may vary depending on various controllable & uncontrollable factors.

SOILBASED NETHOUSE FARM (Coloured Capsicum + English Cucumber)



Farm Size	1 Acre	2 Acre	3 Acre	5 Acre	6 Acre	10 Acre
Project Cost Including GST	2,400,000.00	4,760,000.00	7,100,000.00	11,500,000.00	13,680,000.00	22,600,000.00
Crop Name	Coloured Capsicum					
Maximum Loan @ 75%	1,800,000.00	3,570,000.00	5,325,000.00	8,625,000.00	10,260,000.00	16,950,000.00
Tentaive Subsidy	1,730,000.00	3,310,000.00	5,090,000.00	8,250,000.00	9,830,000.00	16,500,000.00
Upfront Capital	600,000.00	1,190,000.00	1,775,000.00	2,875,000.00	3,420,000.00	5,650,000.00
Net Capex	670,000.00	1,450,000.00	2,010,000.00	3,250,000.00	3,850,000.00	6,100,000.00
No. of Cycles Yearly (Color Capsicum)	1.00	1.00	1.00	1.00	1.00	1.00
No. of Plants	12,000.00	24,000.00	36,000.00	60,000.00	72,000.00	120,000.00
Yield/plant in 6-7 Months (Color Capsicum)	1.80	1.80	1.80	1.80	1.80	1.80
Total Production in One Cycle	21,600.00	43,200.00	64,800.00	108,000.00	129,600.00	216,000.00
Sales Rate/kg (Yearly Average Rate)	100.00	95.00	95.00	90.00	90.00	85.00
Tentative Gross Income (One Cycle Capsicum)	2,160,000.00	4,104,000.00	6,156,000.00	9,720,000.00	11,664,000.00	18,360,000.00
Operational Expenses						
Plants (8 rs. per plant)	105,600.00	211,200.00	316,800.00	528,000.00	633,600.00	1,056,000.00
Germination Cost	18,000.00	36,000.00	54,000.00	90,000.00	108,000.00	180,000.00
Labour (4/7/11/18/28 person * 12000 *8 Month)	384,000.00	672,000.00	1,056,000.00	1,440,000.00	1,728,000.00	2,880,000.00
Fertilizer + Pest & Disease Management	175,000.00	350,000.00	525,000.00	875,000.00	1,050,000.00	1,750,000.00
FYM+Basal+Land Preparation+Mulching	70,000.00	140,000.00	210,000.00	350,000.00	420,000.00	700,000.00
Electricity	40,413.43	60,692.96	80,976.90	121,421.22	161,953.80	242,842.44
Employees	400,000.00	680,000.00	800,000.00	1,320,000.00	1,600,000.00	2,120,000.00
Interest on Loan @6%	4,200.00	15,600.00	14,100.00	22,500.00	25,800.00	27,000.00
Total Annual Expense	1,197,213.43	2,165,492.96	3,056,876.90	4,746,921.22	5,727,353.80	8,955,842.44
Net Income Capsicum	962,786.57	1,938,507.04	3,099,123.10	4,973,078.78	5,936,646.20	9,404,157.56
Net Income (Coloured Capsicum + English Cucumber)						
Net Profit	1,262,786.57	2,538,507.04	3,999,123.10	6,473,078.78	7,736,646.20	12,404,157.56
ROI %	188.5	175.1	199.0	199.2	201.0	203.3
ROI in years	0.5	0.6	0.5	0.5	0.5	0.5

Note – Above mentioned project cost is excluding Transportation & Client scope, and are just tentative calculations, actual results may vary depending on various controllable & uncontrollable factors.



National Horticulture Board



**GET UP TO 1
CRORE
SUBSIDY**

**Up to 50% Subsidy + 3% Interest
Subvention – Your Hi-Tech Farm
is Closer Than You Think!**

**UPTO 2 CRORE
COLATERAL FREE
LOAN**

The National Horticulture Board (NHB) offers capital investment subsidies to promote modern farming techniques like hydroponics, polyhouse, and protected cultivation.

Eligibility to Avail NHB Subsidy:



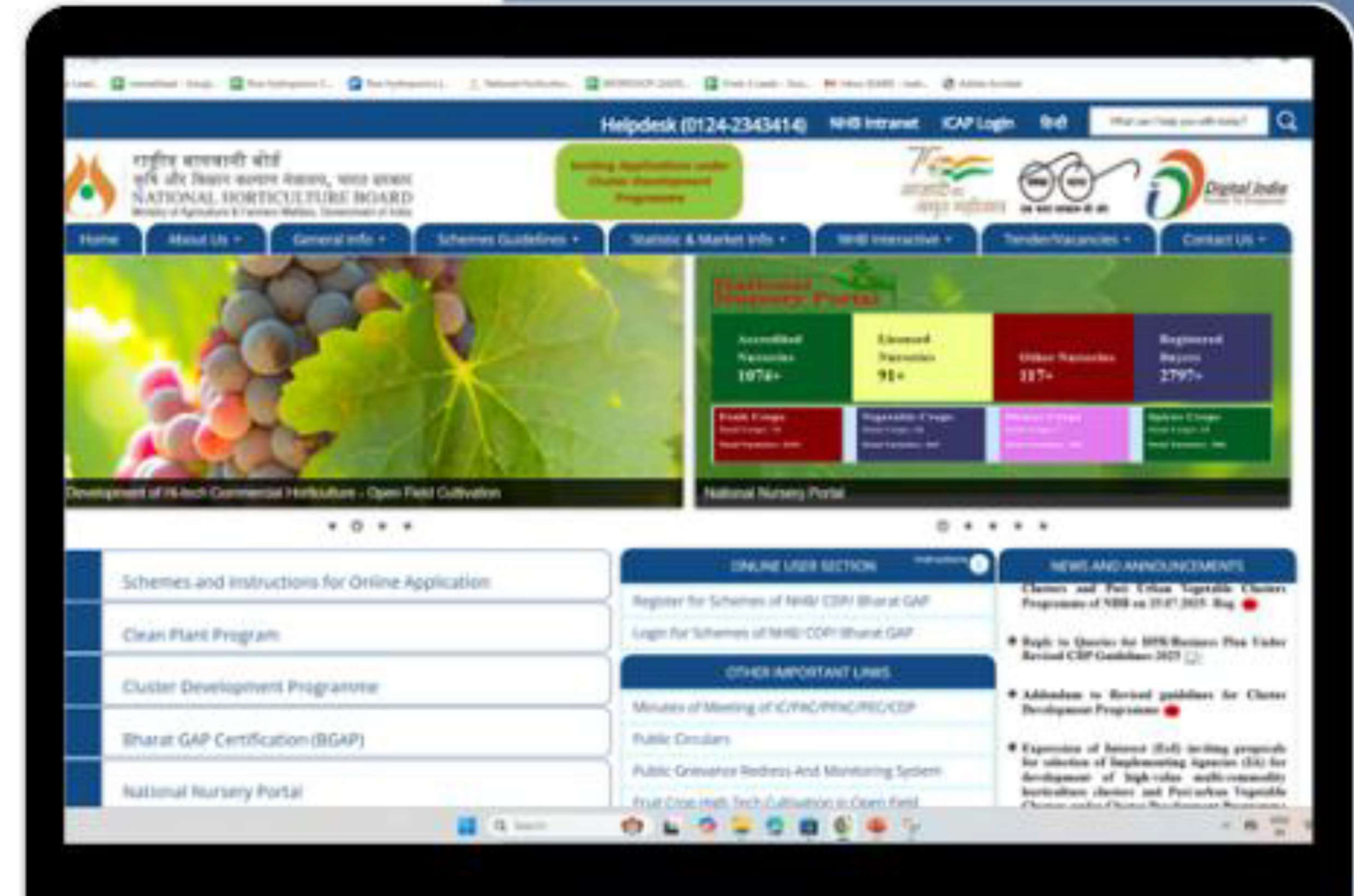
Agricultural Land is Mandatory

- Land must be classified as agricultural in govt. records.
- Clear ownership or valid lease (minimum 10-11 years).



Bank Loan is Compulsory

- 75% of project cost must be funded through a recognized bank loan.
- 25% to be invested as upfront capital



01 Project Explanation

Explanation of various structures and Hydroponics Systems



02 Site Feasibility Analysis

Site Inspection
Geographical Location
Climate, Water resources availability, water testing



03 Document Verification

Pre Submission document check to ensure zero errors

Includes Land Documents, Aadhar, PAN and other NHB-required papers



04 Detailed Project Report

Professionally prepared DPR aligned with NHB subsidy norms.

Includes structure plan, cost breakdown, ROI analysis



05 Agri Infrastructure Fund

Bank Loan
Online Application - Approval direction sent to the selected Bank Branch



Developing Your Hi-Tech Farm with NHB Subsidy – Step-by-Step Process



NHB Subsidy 06

Online Application
Verification by Committee
Issue of GOC



Project Execution 07

Bank Loan Disbursed
Structure Installation
Building all infrastructure as per the DPR
Bed preparation and planting



JIT Physical Inspection 08

Real time photos logged
Verification of structure and dimensions
Uploading documents for NHB review



Final Approval 09

Project evaluated by NHB internal committee
Subsidy disbursed to your SRF-linked account



From Paperwork to Produce – We Build Your Hi-Tech Farm End-to-End.

OUTDOOR HYDROPONICS FARM



Farm Size	560 SQM	1000 SQM	2000 SQM
Project Cost (Including GST)	38,94,000	6490000	11269000
Crop Name	Leafy Greens		
No. Of Plants	10000	20000	40000
Yield/Plant In 35 Days (Per Cycle)	0.13	0.13	0.13
Total Cycle	10	10	10
Total Production Per Year	13,000	26,000	52,000
Sales Rate/ Kgs (Whole Year Average Rate)	160	150	150
Tentative Gross Income (Per Year)	20,80,000	39,00,000	78,00,000
OPERATIONAL EXPENSES			
Seeds Rs. 0.8/Plant	80,000	1,60,000	3,20,000
Nutrition	72,000	1,44,000	2,88,000
Labour (2/3/4 Person X 10,000x 12 Months)	2,40,000	3,60,000	4,80,000
Integrated Pest Management	10,000	20,000	30,000
Electricity	2,70,000	4,70,000	7,90,000
Packaging	18,000	36,000	72,000
Total Annual Expenses	6,66,000	11,54,000	19,32,000
Net Profit	14,14000	27,46,000	58,68,000
ROI	33.05	28.36	23.04
Pay Back Period	2.75	2.36	1.92

Note – Above mentioned project cost is excluding Transportation & Client scope, and are just tentative calculations, actual results may vary depending on various controllable & uncontrollable factors.

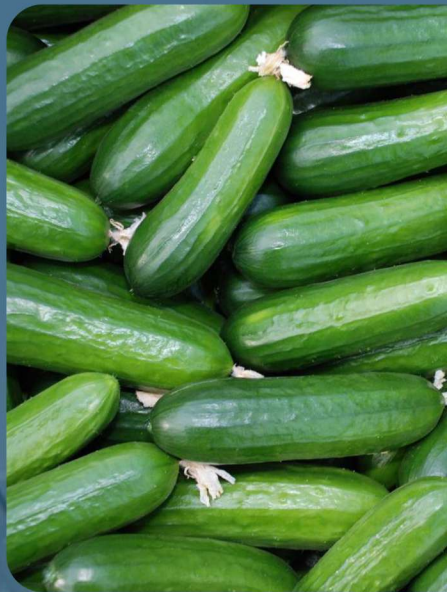
INDOOR VERTICAL HYDROPONICS FARM



INDOOR HYDROPONICS FARM DEVELOPMENT








Sr No	Project Size	Number of Plants	Investment (Approx)	Per Plant per cycle yield in kg	Expense Per Kg	Yearly Cycle	Total Annual Production in KG	Total Expense	Selling Price/kg	Total Annual Revenue	Net Profit	Pay Back Period
1	500 SQFT	3,000	16,00,000	390	160	10	3900	6,24,000	300	11,70,000	5,46,000	2.9
2	1000 SQFT	6,000	25,00,000	780	150	10	7800	11,70,000	300	23,40,000	11,70,000	2.1
3	2000 SQFT	14,000	55,00,000	1820	140	10	18200	25,48,000	300	54,60,000	29,12,000	1.9

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