# **Cucumber in Poly House Project**



**Net House Farms** 

**Green House Farms** 

**Hydroponics Farms** 

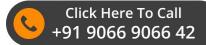
**Date Palm Farms** 

**Seedless Lemon Farms** 

**Terrace Garden** 

**Govt Subsidy** 

Loan







## What is Green House (Poly House)?

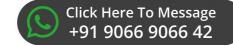


- A Green House (poly house) is defined as a structure made of transparent components like polyethylene threads or glass wherein vegetables and other plants are grown under the controlled climate conditions.
- The size of the house varies depending on the requirements, it can be small sheds or a large industry sized buildings.
- Some standard greenhouses are equipped with high-end technology like heating & cooling systems, screening, lighting and even computerized facilities to gain the maximum profits from plant cultivation.
- The poly house is covered with the polyethylene materials hence it offers ultimate protection against harmful UV rays and other natural uncertainty.









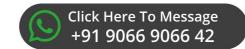


### Benefits of Green House?



- A preferable and the most favorable for the farmers who believe in organic farming.
- Plants can grow under controlled climate condition and so less chance of drop damage & loss.
- ? Protection against the insects, birds and pests.
- Shield against the external adverse environment that can reduce the growth of crops.
- Product quality is higher in the corps grown under poly house.
- Better drainage & aeration facilities.
- Offers right environment facilities to plants in all weather conditions.
- Increases yield for around 5 10 times higher.
- Harvesting time can be adjusted for plants.
- Generate more profit due to the continuous supply of products.
- Boon for the barren & uncultivable farms.









### Cucumber

- The crop cycle for the cucumber is around 90 to 100 days and the production starts after 45 to 50 days depending on the regions you are farming.
- You can grow 12000 plants with (unfortunately) around 1000 plant mortality means you can get around 11000 productive plants. As not all plants can grow as we wish.
- Each plant can produce approx. 4 Kg and the average rate per Kg for cucumber is 15 INR total production would be 44,000 Kgs.
- So, the gross profit will be around 6,60,000 INR per season. While you can take at least 3 seasons in a year.
- The overall profit for the year for cucumber is around 19,80,000.









# Cost of project

Particulars	Size	Unit	Amount
Green house Structure (as per Govt. Norms) 2 mm Gl Pipe and 200 Micron Poly Plastic , Apron Incest Net ( Ginegar Israel)	Sq. Mtr.	4000	37 lacs Cost of Project  ZEELCO FARMS YOUR SMART FARMING PARTNER
Drip irrigation And Fogging System (Govt Approved)	Sq. Mtr.	4000	
Fumigation 2 days Process for land improvement	Sq. Mtr.	4000	
Bed preparation Soil prepared with FYM	Sq. Mtr.	4000	
Planting Material : Cucumber	Sq. Mtr.	12000	
Support system	Sq. Mtr.	4000	







## Source of Fund



Bank Term Loan

35 Lacs



Advance Payment **02 Lacs** 



Actual project cost

37 Lacs



Government subsidy

20 lacs Around









## **Profitability**





Cucumber plants **12,000** 



Plant Mortality **1,000** 



Productive plants 11,000



Average production per plant **4KG** 

11000 X 4 = 44000 kg or 44. ton

#### Average Rate (\* Subject to vegetable market)



#### **Gross Profit**

One season (3 to 3.5 month)

44 ton X 15 = 6,60,000

 $6,60,000 \times 3 = 19,80,000 \text{ lacs per Annum (3 season)}$ 





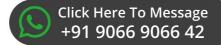


## **Expenses**

Particulars	
Interest	1.00 lacs
Plants	1.00 lacs
Admin/Light/water	0.50 lacs
Labor	1.50 lacs
Fertilizers /Transport	0.80 lacs
Total ZEELCO	4.80 lacs









# Net profit

Particulars		
Gross Profit	19,80,000	
Expenses	4,80,000	
Net Profit	15,00,000	









### Overview

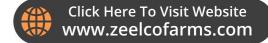
Particulars	
Cost of project	37 lacs
Approx. Subsidy	20 lacs
Project cost after subsidy	17 lacs
Net profit	15 lacs

After 1 year Cost of Project is 2 Lacs Rs Only.
Than Start Average Income Per Year 15 Lacs.









## Farmer Responsibility

- 1. Process of Loan
- 2. Foundation: 50 Bag Cement, Sand and Concrete
- 3. Online Paymant 5,000 National Horticulture Board
- 4. 50,000 Advance with document for I.P.A. (Non Refundable)
- 5. 1,50,000 Advance after issuing I.P.A (In Principal Approval).
- 6. All Civil Work to be Done By Farmer Like, Pack House,
- 7. Water Pond, Bore well, Fencing
- 8. Electricity and Water Provide By Farmer
- 9. You have to provide 7 Day Tractor For Foundation and Bed
- 10. 12 Trolley FYM (Chhaniyu Khatar, Gobar Khadh ) For Bed
- **11.** Land Leveling
- **12.** 8 kg Sulfur, 4 Kg 19:19:19, 8 kg Phosphate
- 13. 2 Workers for Handling Project (Training Provide By Our Team)









