

एग्री नेटहाउस (थोपा सिंचाई र प्लाष्टिक मलच सहित)

**Summary**

<b>Particulars</b>	<b>Unit</b>	<b>Description</b>
Type of Structure		Flat roof
Size of Unit	Msq	3956sqm
Total No.of Structure	No	1
Height above Ground	Meter	4m
Net on Top		40 Mesh 120 GSM (+/-5%) Insect Net
Net on Side	120 GSM (+/-5%)	40 Mesh 120 GSM Insect Net
Secondary Layer		50% Almunium Net
Double door entry System	1 Nos.	Included/ Structure
Civil work with materials		Included
Installation		Included
Transportation		Included
Drip Irrigation System		Included
Plastic mulch 25 micron		Included

**Structure**

Trapezoidal Structure for better Stability, Height - 4 Mtr from the Ground Level

**Pipe Material**

Galvanized Iron Pipe-Peripheral columns 76x2 mm

Galvanized Iron Pipe -Internal columns 60x2 mm

**Foundation**

Peripheral pillars Metal mold with concrete casting

Internal pillars two metal angles ready to be buried into the soil

**Anchors:**

Made of 14 mm metal rod ready to be cast in concrete

**Wire cable: Connectors:**

At the roof level 5 mm diameter. For the anchors 6 mm diameter, 4mm Trellising, Special Plastic pins, metal hooks, smart connectors etc.

**Door System**

Double Door /Single Door/ Tractor Door in Combination, Provision Optional

**Covering Material (For side and roof)**

40 Mesh - OptiNet, U.V Stabilized,

### Technical Specification for Double Layer Agri Net House

S. No.	Components	Specification
<b>A.</b>	<b>Particulars</b>	
	Structure	Cable Perlin Model Net House
	Area proposed approximat Sqmtr	3956 Sqmtr
	Length of Net House (5 Mtr x8No.of bays)+6 Mtr Corridor	46m
	Width of Net House(8 Mtr x10No.of bays)+6 Mtr Corridor	86m
	Center height	4m
	Distance between two span	5m
	Span Size	5m x 8m
<b>B.</b>	<b>Name of Parts</b>	
	Foundation	76 od 2.0mm thick
	Main Column	76 od 2.0mm thick
	Internal columns	60 od 2.0mm thick
	Corridor	6mm,5mm Wire
	GI Clamps & Nut Bolt	As per requirement
	Clamps	Clamps-triple wire connector, 6mm thick cable clamp
<b>C.</b>	<b>Entry Room</b>	
	Entry Room Size mtr x mtr	2m x 4m x 2m
	No. of Door	Two
	Door Size	1.2m & 2 m
	Part of Door	Insect Net
<b>D.</b>		
	Top	Almunium 50% net
	Side	40 Mesh 120 (+/-5%) GSM Insect net
<b>E.</b>	Accessories	Cable hold small plate, Cable hold large plate, 3” & 2” pipe plastic cap 14 iron pins screen red rolls, screen pipe housing, net niddles, net oval connectors, net hook connectors, simes
<b>F.</b>	Foundation	Outer anchor: 1.8mtr length anchor with 1 mtr depth of cc 1:2:4 ratio properly Outer Pole 50 cm length 25mm dia 0.5 mtr depth of cc 1:2:4 ratio properly Intermediate pole 45cm dia 1 mtr depth of cc 1:2:4 ratio properly
<b>G.</b>	Iron accessories for foundation	Anchor, bent iron pin/rod, inner column base angles/foundation plates for intermediate poles
<b>H.</b>	Drip Irrigation System	16 mm Inline drip lateral, class-2, Discharge: 1 to 2 lph, Emitter spacing 20-40cm, PVC mains/sub-mains, control valves, flush valves, proper sectioning based on water availability.