

## Flat-Roof Shade Net House

Agrifirst Flat-Roof Shade Net House — maximum area coverage, lowest cost. Commercial-grade nethouse for vegetables, fruits & flowers with hail, UV & pest protection.



### ABOUT

#### Flat-Roof Shade Net House — Maximum Area Coverage for Commercial Crop Protection

Agrifirst Flat-Roof Shade Net House delivers maximum cultivation area coverage at the lowest cost per square meter. This simple, robust structure provides essential crop protection from excessive sunlight, hail, birds, and insects — ideal for large-scale commercial vegetable, fruit, and flower farming across India. Easy to construct, maintain, and scale up.

### DESCRIPTION

**Agrifirst Flat-Roof Shade Net House** is a commercial-grade protected cultivation structure designed for maximum area coverage at the most economical cost per square meter. With a straightforward flat-roof design on a robust GI frame, this structure provides essential protection from excess sunlight, hail, birds, and flying insects — making it the preferred choice for large-scale vegetable, fruit, and flower cultivation across India.

#### Why Choose Flat-Roof Shade Net House?

- **Lowest Cost Per Square Meter** — Most economical protected cultivation structure, ideal for farmers looking to cover large areas
- **Maximum Cultivation Area** — Flat roof design maximizes usable growing space with no wasted internal volume
- **Scalable Design** — Easily expandable by adding additional spans, from 1000 sqm to 10+ hectares
- **Multi-Purpose Protection** — Shields crops from hail, excessive sunlight (35–75% shade), UV radiation, birds, and flying pests
- **Simple Construction** — Faster installation than dome or polyhouse structures, typically completed in 7–10 days per acre
- **Excellent for Fruit Orchards** — Provides hail and bird protection for pomegranate, grape, apple, and other fruit orchards

#### Technical Specifications

<b>Structure Type</b>	Flat-roof shade net house (multi-span)
<b>Height</b>	4.0–5.0 meters (uniform)
<b>Span Width</b>	6.0 / 8.0 meters
<b>Frame Material</b>	Hot-dip galvanized (GI) steel tubular pipes
<b>Cladding</b>	UV-stabilized HDPE shade net (mono or tape weave)
<b>Shade Factor</b>	35%, 50%, or 75% (selectable)
<b>Side Netting</b>	40/50-mesh anti-insect net
<b>Wind Load</b>	Up to 80 km/h
<b>Foundation</b>	RCC / concrete column foundation
<b>Suitable Crops</b>	Capsicum, cucumber, leafy vegetables, pomegranate, grapes, papaya, dragon fruit, chrysanthemum
<b>Structural Life</b>	10–15 years
<b>Delivery</b>	Turnkey installation by Agrifirst across India



#### AGRIFIRST - FARMERS FIRST

Plot E-7, Industrial Area, Kanpur - Lucknow Road,  
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### Government Subsidy

Flat-roof shade net houses qualify for **50% subsidy** under NHM, MIDH, and state horticulture programs. Agrifirst assists with complete subsidy documentation and DPR preparation.

### ROI & Farmer Earnings

Large-scale vegetable growers using Agrifirst flat-roof net houses achieve **₹4–12 lakhs per acre annually** with significantly reduced pesticide costs and improved crop quality. The low initial investment ensures payback within **the first year**.

### GALLERY



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