

Specifications for a green-house tunnel:

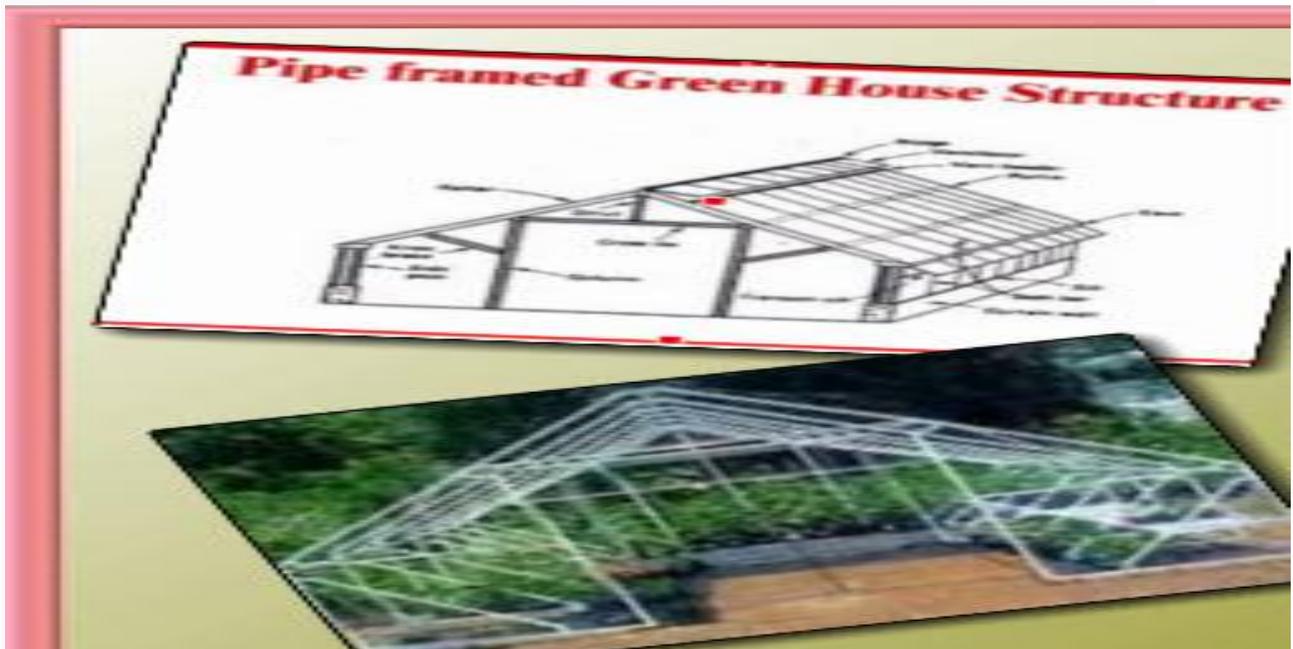
1. Tunnel Shape: A single **even span type** with the two roof slopes are of equal pitch and width (See fig 1).

Figure 1: Even span type of greenhouse 1



Figure 2: Even type of greenhouse side view

2. Structural material: Galvanized **metallic** pipe framed structure where the side posts, columns, cross ties and purlins are constructed using galvanized metallic pipes size D 38-40mm (see figure below).



3. Size of the green house: 8 m span/width, length of 15 m; height of 4.3 m

4. Minimum straight wall height 3.0-3.5m.

5. Covering material:

Top: Double skin of flexible plastic film of polyethylene (Fig. 3), polyester or polyvinyl chloride.



Figure 3: A Polyethylene film covered greenhouse

- Covering material should be UVA stabilized anti-dust and anti-drip.

6. Sides: Made up of 80 %shading net, black in colour (Figure 4). Please see sample attached to the PRN



Figure 4: Shading nets for covering the walls of a greenhouse tunnel.

7. Be fitted with lockable door with a handle.

8. Floor type: concrete with side walls constructed by 2-3 layer standard bricks.