Conceptual Solution

http://www.alibaba.com/product-gs/211862409/chicken_wire_13mmX13mm.html

Solution: 13mm by 13mm galvanized chicken wire

- **Geometry and dimensions**
  - Hexagonal holes (0.25mm in diameter)
  - Sheets 1m by 50m
  - Rectangular sheets cut into 36in by 18in

- **Materials and Physical Properties**
  - Galvanized chicken wire
    - Galvanized = non-rusting (PVC coating)
    - Stainless steel

- **Environmental Conditions**
  - Galvanization prevents rusting
  - Stainless steel withstands heat, retains heat easily

- **Integration**
  - Wrap wire around outside of wood for easy attachment
  - One layer of chicken wire per tray

- **Primary Requirements**
  - Appropriate Technology
    - Chicken wire simple, easy to use, no assembly required
  - Available Materials
    - Readily available due to its farm-readiness
  - Affordable Cost
    - ~62 cents per sheet
  - Ease of Maintenance
    - Stainless/galvanized steel prevents rusting, allowing for reuse
    - Easy to clean because steel is stainless
  - Safety
    - Won’t overheat because of holes and thin metal
    - Galvanization prevents rusting, tainting fruit
    - FDA and EU-approved safety regulations