stiplagritech
Protect. Cultivate. Empower.

www.stiplagritech.com

Windbreaker Nets

UV-stabilized HDPE Windbreaker Nets that reduce wind velocity, conserve moisture, and protect crops, orchards, and greenhouses—durable and easy to install. Available from STIPL Agritech (GreenPro).

Wind speed reduction & microclimate control for fields and orchards

UV-stabilized HDPE windbreak fabrics that reduce wind velocity, protect canopies, and limit sand/salt drift while maintaining airflow.

Windbreaker Nets are high-strength, UV-stabilized HDPE meshes designed to reduce wind speed and buffer crops from mechanical damage, lodging, and moisture loss. By moderating wind, these nets also lower evapotranspiration, improve spray deposition, and create a more stable microclimate around plants, livestock, and work areas.

- **Material:** HDPE monofilament/tape, UV-stabilized
- **Wind reduction:** ~30% / 40% / 50% / 60% (model-dependent)
- **GSM range:** ~70–180 gsm
- **Heights:** Panel heights from 1 m to 6 m (custom on request)
- **Colors:** Green, Black, other colors on request
- **Edges:** Reinforced selvedge for tying/clipping

Applications

- Perimeter windbreaks for orchards, vineyards, and vegetable fields
- Greenhouse/tunnel surroundings to reduce gusts and dust ingress
- Livestock shades, nurseries, construction yards, coastal/sandy zones

Advantages

- Reduces wind damage, lodging, and blossom/runoff losses
- Improves spray efficiency and reduces drift
- Lowers evapotranspiration and conserves soil moisture
- Durable, lightweight, and easy to install on posts or frames

Installation Tip: Place windbreaks *perpendicular* to prevailing winds; maintain a porous barrier (40–60%) for best protection; tension evenly with wires/cord and anchor posts at adequate depth.

Wind Protection
Reduces crop lodging and spray drift by 60%.

Dust Control
Blocks salt and dust in coastal farm areas.

Durable Design
UV-stabilized HDPE for long-term wind protection.

SHELTERTECH INDIA PRIVATE LIMITED
Plot #9, Office #7, DHL Square, IT Park, Sector 22, Panchkula, Haryana - 134109 , INDIA

+91 1724029871 contact@sheltertechindia.com