

Non-Woven Crop Cover

Breathable, UV-stabilized non-woven crop covers for frost, insect and wind protection—improve earliness and plant vigor with chemical-free shielding. Available from STIPL Agritech (GreenPro).







Frost, insect & wind protection with breathable microclimate

UV-stabilized, lightweight crop covers that shield plants from cold, pests and wind while allowing air, light and water to pass.

Non-Woven Crop Cover is a breathable, UV-stabilized polypropylene fabric that protects vegetables, herbs and ornamentals from frost, insects, wind and desiccation. It creates a gentle microclimate that improves germination, early growth and yield while enabling chemical-free protection.

- Material: Spunbond/non-woven PP with UV stabilization
- GSM range: ~17-50 gsm (light to heavy-duty options)
- Permeability: Allows air, light and water; prevents heat buildup
- Widths: Common rolls up to ~3.2-12 m (custom cut sizes available)
- Color: White (standard) for high light transmission
- UV Life: 1–3 seasons depending on gsm and exposure

Applications

- Early-season frost protection for leafy greens, brassicas, strawberries, cucurbits
- Insect exclusion (aphids, flea beetles, leaf miners, etc.) in organic programs
- · Wind and desiccation control in nurseries and open-field beds
- · Seedbed and transplant establishment; reduced irrigation loss

Advantages

- · Improves earliness and stand uniformity
- · Reduces pest pressure without pesticides
- · Lightweight, reusable and easy to handle
- Breathable-minimizes condensation and scorch

Usage Tips: Lay loosely to allow plant lift; seal edges with soil, pins or sandbags; remove or vent during flowering for pollination where required; store dry and away from sunlight when not in use.

Frost Protection

Shields crops from cold for early-season growth.

Pest Barrier

Breathable fabric blocks insects without sprays.

Reusable Design

UV-stabilized cover for multiple crop cycles.

SHELTERTECH INDIA PRIVATE LIMITED

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