

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.