

Agrifirst Crop Shield Cover

Agrifirst Crop Shield Cover — non-woven fabric for frost, wind, insect protection. Breathable, lightweight. Extend growing seasons. Buy from Agrifirst India.



3x Faster

faster plant growth with microclimate control

4x better

protection from pests and weather

2x healthier

crops with UV-stabilized durability

ABOUT

Non-Woven Crop Shield Cover — Frost, Wind & Insect Protection for Open-Field Crops

Agrifirst Crop Shield Cover is a lightweight non-woven polypropylene fabric that provides individual plant or row-level protection from frost, wind, hail, and flying insects. Simply drape over crops or support on low tunnels — the breathable fabric allows light, air, and water to pass through while creating a protective microclimate that accelerates growth and extends the growing season.

DESCRIPTION

Agrifirst Crop Shield Cover is a versatile non-woven polypropylene crop protection fabric that creates an instant protective microclimate around individual plants or entire crop rows. This lightweight, breathable material allows 80–90% of sunlight, rain, and air to pass through while providing effective protection against frost (2–4°C protection), wind damage, hail, and flying insect pests.

Key Benefits

- **Frost Protection** — Provides 2–4°C frost protection, extending growing seasons in cold regions
- **Insect Barrier** — Blocks flying insects including aphids, whitefly, and leaf miners without chemicals
- **Growth Acceleration** — Warmer microclimate accelerates growth, producing earlier harvests
- **Breathable & Permeable** — Air, light, and water pass through freely — no ventilation issues
- **UV Stabilized** — Lasts multiple seasons with proper handling
- **Lightweight** — Can be placed directly on crops without support structures

Technical Specifications

| | |
|---------------------------|---|
| Material | Spunbond non-woven polypropylene — UV stabilized |
| Weight | 17 / 20 / 30 GSM (selectable) |
| Color | White |
| Light Transmission | 80–90% |
| Frost Protection | 2–4°C (depending on weight) |
| Available Widths | 1.5m, 2.0m, 3.0m, 4.0m |
| Available Lengths | 100m, 250m, 500m rolls |
| Applications | Vegetable row covers, frost protection, nursery covers, hail protection, insect exclusion |

GALLERY



AGRIFIRST - FARMERS FIRST

Plot E-7, Industrial Area, Kanpur - Lucknow Road,
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