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Orchard / Grape / Cherry Cover

Rain, hail and bird protection for vineyards and fruit orchards—UV-stabilized covers and nets that protect bunches and improve ripening. Available from STIPL Agritech (GreenPro).

Weather & pest protection canopies for vineyards and orchards

UV-stabilized covers and nets that protect bunches and canopies from rain, hail, birds, and excessive radiation while maintaining airflow.

Orchard / Grape / Cherry Covers are purpose-built protection systems for vineyards and fruit orchards. They combine rain-shedding films and high-strength knitted fabrics to safeguard crops from rainfall cracking, hail injury, bird damage and sunburn—while preserving ventilation and light quality for uniform ripening.

- **Build options:** Transparent PE rain covers, anti-hail knitted nets, bird exclusion nets, side curtains
- **Materials:** UV-stabilized PE films and HDPE monofilament/tape fabrics
- **Typical widths:** 2–6 m panels (joined as per trellis span)
- **Accessories:** Reinforced selvedge, eyelets, joining strips, clips and cords

Applications

- Vineyards (table grapes & wine grapes) for bunch and canopy protection
- Cherry, berry and soft-fruit orchards requiring rain & bird control
- Orchard aisles and work zones that need shade and drip management

Variants

- **Rain Cover (Transparent):** High-clarity film with runoff design to limit rain cracking and botrytis.
- **Anti-Hail Net:** Diamond/square mesh that disperses impact and protects fruit and shoots.
- **Bird Net:** Lightweight meshes (15–25 mm) to prevent pecking and contamination.
- **Side Curtains / Row Covers:** Wind and drift control with easy access options.

Advantages

- Reduces losses from rain cracking, hail injury and bird damage
- Promotes uniform color and maturity by moderating microclimate
- Durable, reusable materials with long UV life
- Compatible with standard trellis, hoops and cable layouts

Installation Tip: Provide roof pitch (?10–15%) for runoff, tension evenly, and secure edges with clips or cords. Inspect fasteners after storms and re-tension during the season.

Rain Protection
Prevents fruit cracking with waterproof PE covers.

Bird Deterrence
HDPE nets shield orchards from bird damage.

Improved Ripening
Ensures uniform fruit quality in vineyards.

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