

Cucumber

Cucumber is ideal for polyhouse farming. Fast-growing, high-yielding crop with excellent returns under protected cultivation.



ABOUT

Fast-Growing, High-Yield Cucumber Under Protected Cultivation

Cucumber is the fastest-returning polyhouse crop, with first harvest in just 45–50 days. Agrifirst polyhouse structures enable 3–4 crop cycles per year, making cucumber one of the most profitable short-duration crops for protected cultivation.

DESCRIPTION

Cucumber is the ideal crop for farmers seeking quick returns from polyhouse investment. With Agrifirst's protected cultivation solutions, cucumber plants begin yielding fruit within 45–50 days of transplanting, and multiple crop cycles per year are achievable — delivering continuous income throughout the year.

Why Grow Cucumber in Agrifirst Polyhouse?

- **Fastest returns** — First harvest within 45–50 days, with 3–4 crop cycles per year possible
- **Exceptional yield** — 80–120 tonnes/acre annually in polyhouse vs 15–25 tonnes in open field
- **Parthenocarpic varieties** — Seedless cucumber varieties thrive exclusively in polyhouse, commanding ₹40–80/kg
- **Year-round supply** — Produce cucumbers during off-season when market prices are highest
- **Minimal pest issues** — Protected environment reduces disease incidence by 80%

How Agrifirst Helps You Succeed

Agrifirst designs polyhouse structures with optimal ventilation and humidity control for cucumber's high transpiration needs. Our integrated drip fertigation systems deliver precise water and nutrients, while climate automation maintains the ideal 24–30°C growing temperature. With Agrifirst's complete turnkey solutions, farmers can start harvesting high-quality cucumbers within 2 months of polyhouse installation.

Expected earnings: ₹12–20 lakhs per acre annually with Agrifirst polyhouse cucumber cultivation.

GALLERY

