

Chilli Pepper

Chilli pepper cultivation in polyhouse yields premium quality produce. High-value spice crop with excellent returns in India.



ABOUT

High-Value Chilli Cultivation with Protected Growing

Chilli pepper is a high-demand spice crop that produces significantly better quality and yield under Agrifirst's protected conditions. Both green chilli and dried red chilli farmers benefit from pest protection and climate control.

DESCRIPTION

Chilli Pepper is one of India's most essential crops — used in every household and by food processors nationwide. Under Agrifirst's protected cultivation, chilli plants produce more fruits per plant with better pungency, color, and uniformity, while being protected from the thrips, mites, and viral diseases that devastate open-field chilli crops.

Why Grow Chilli in Agrifirst Polyhouse/Nethouse?

- **Disease protection** — Eliminates leaf curl virus and thrips damage, the top yield-limiting factors
- **Higher fruit count** — 30–50% more fruits per plant under protected conditions
- **Better color and pungency** — Controlled conditions improve capsaicin content and color development
- **Year-round harvest** — Extended fruiting period of 8–10 months per crop cycle
- **Premium pricing** — Clean, uniform chillies command better wholesale and retail prices

How Agrifirst Helps You Succeed

Agrifirst offers both nethouse and polyhouse solutions for chilli cultivation. Our insect-proof nethouse prevents thrips and whitefly transmission of viral diseases, while polyhouse structures enable year-round production. Agrifirst's automated drip fertigation delivers precise nutrition for maximum fruit production, and our climate control systems maintain the 20–30°C temperature range ideal for chilli.

Expected earnings: ₹8–15 lakhs per acre annually with Agrifirst protected chilli cultivation.

GALLERY

