

## Tomato

Grow tomatoes in polyhouse for year-round harvest. High-value crop with excellent yield under protected cultivation in India.



### ABOUT

#### Grow Premium Tomatoes Year-Round with Agrifirst Polyhouse

Tomato is the most profitable polyhouse vegetable crop in India. With Agrifirst's climate-controlled polyhouse solutions, farmers achieve 3-5x higher yields compared to open-field cultivation, producing premium-grade tomatoes throughout the year regardless of season.

### DESCRIPTION

**Tomato** is the number one crop for polyhouse cultivation in India, delivering exceptional returns for farmers who invest in protected cultivation. Under Agrifirst's advanced polyhouse structures, tomato plants receive optimal temperature (20–30°C), humidity control, and protection from rain, pests, and diseases — resulting in superior fruit quality, uniform size, and vibrant color that commands premium market pricing.

#### Why Grow Tomatoes in Agrifirst Polyhouse?

- **Year-round production** — Harvest tomatoes in every season, even during monsoon and extreme summers when open-field crops fail
- **3–5x higher yield** — Polyhouse tomatoes produce 80–120 tonnes/acre compared to 20–30 tonnes in open fields
- **Premium pricing** — Uniform, blemish-free tomatoes fetch 30–50% higher prices in markets and for export
- **Reduced pest damage** — Agrifirst's insect-proof nethouse and polyhouse structures minimize pest attacks, reducing pesticide costs by up to 70%
- **Water savings** — Drip irrigation integrated with Agrifirst automation saves 40–60% water compared to flood irrigation

#### Ideal Varieties for Polyhouse

Indeterminate (vine) varieties like Arka Rakshak, NS-4266, Naveen 2000+, Abhinav, and hybrid cherry tomatoes are best suited for polyhouse cultivation, producing fruit for 8–10 months continuously.

#### How Agrifirst Helps You Succeed

Agrifirst provides complete turnkey polyhouse solutions designed specifically for tomato cultivation — from structure design with proper ventilation and height for trellising, to integrated climate control systems, automated drip irrigation, and ongoing agronomic support. Our Fan & Pad and Naturally Ventilated polyhouses maintain the ideal 22–28°C temperature range that maximizes tomato fruit set and quality.

**Expected earnings:** ₹15–25 lakhs per acre annually with Agrifirst polyhouse tomato cultivation.

### GALLERY

