



Naturally Ventilated Polyhouse

Discover Agriplast's Naturally Ventilated Polyhouse designed with Israeli technology. Superior airflow, tall structure, 5-layer film, and wind resistance ensure higher yield and durability for smart farmers.



The Israeli designs made for India!

Experience next-gen farming with Agriplast's Israeli-designed Naturally Ventilated Polyhouse. Built to last over a decade with superior air circulation, durable components, and smart design for maximum crop yield.

Agriplast Naturally Ventilated Polyhouse (NVPH) is a cutting-edge, long-lasting protected cultivation solution designed with world-class Israeli engineering tailored for Indian conditions. With over 50 years of experience in hi-tech agriculture, Agriplast offers a polyhouse that delivers durability, superior climate control, and increased productivity.

The polyhouse features a **7-meter-tall structure** that enhances internal CO₂ volume, promoting better plant respiration and growth. It incorporates a **1.4m top vent** for efficient heat release and **4.5m side vents** that draw in cooler air, maintaining optimal temperature and humidity for your crops.

Covering your crops is Agriplast's **5-layer Ginegar polyfilm**, offering UV protection and durability for over 5 years. To top it off, features like **aluminium profile locking**, **spring systems**, and **robust trellising** ensure that every part of the polyhouse works in harmony for your farming success.

Agriplast's NVPH also supports **second-layer mechanisms** like rope and chain pulley systems, motorized climate screens, and **advanced curtain systems** to manage light, temperature, and external stress.

FEATURES	AGRIPLAST POLYHOUSE FEATURES
Height of structure	6.8 - 7 meters from ground level
Side ventilation	4 meters which provides total ventilation of 48% which is best in its segment.
Top Vent	1.2 meters
Pipe quality and Galvanization	375 to 400 GSM
Nut bolts and Connectors	22-micron zinc ferrous coated. Main connectors are 5 mm coated (Zinc coating).
Foundation	76 mm dia with 2 mm thickness. Crimped foundation which gives more strength.
Gutter thickness	1.6 mm Galvanized gutters with trapezoidal shape.
Polyfilm	Ginegar
Shade net / Insect net	Agriplast North Private Limited

3x better

light penetration with 5-layer polyfilm for superior photosynthesis and plant growth

3x Durability

Withstands 140 km/hr winds with anti-wind breakers and crimped foundation for maximum durability

4x Harvest

Smart vent design maintains ideal temperature and humidity for higher-quality yield throughout the year

OFFICE ADDRESS

Agriplast North,
Plot No E-7, Industrial Area, Kanpur - Lucknow Road,
near Audi Service Center, Sarojini Nagar, Lucknow,
Uttar Pradesh 226401, INDIA

GSTIN 09AATFA8599B1ZT

+91 9129884888

info@agriplastup.com