



22.5' GOTHIC HOOPHOUSE

Standard Features:

- **All parts are ready to bolt together** for simple, quick assembly and clean lines on your finished hoophouse
- Galvanized steel bows at **4' on-center spacing**:
 - 1.660" Ø—14 gauge ground posts
 - 1.660" Ø—14 gauge bows
 - 1.315" Ø—16 gauge purlins and wind braces
- **Crossbrace package**—double gusseted (1.315" Ø—16 gauge, every interior bow) — spans 14.5' across the 22.5' structure
- Wind bracing in every corner (12 diagonal braces in total)
- Poly-lock package
 - Double aluminum quick-lock (@hip) with cam inserts
 - End bow and endwall aluminum wire-lock channel and wiggle wire
- **Durable 11-mil woven poly roll-up ventilation curtains** (both sides)—Includes 5:1 geared roll-up cranks, 4 baffled end panels (poly overlap at curtain panel ends) and wind ropes individually attached every 12'
- **Double layer inflated poly cover**—6-mil 4-year clear over 6-mil 4-year IRAC (infrared-insulating, anti-condensation and diffusion properties)
- **Steel-framed endwalls**:
 - Double purpose endwalls with year-round "people access" at the main entry end and an 8'x8' equipment access door at each end
 - 1.5" square steel assemblies, laid out to accommodate ventilation and door openings
 - 11-mil woven poly endwall covers with Velcro roll-up door panels
 - Hinged door—one 1³/₈" x 3'x 6'8" foam core solid door & latch set
- **Baseboards**—2x10 SPF (untreated—meets organic certification criteria)

Upgrades Available:

- **Automated end-wall vents**—Low voltage, thermostatically controlled louver vents on each endwall & end-to-end conduit system
- **Automatic side ventilation**—Motorize and automate your roll-up side ventilation (both sides—includes thermostatic control)
- **Overhead irrigation**—Two overhead irrigation lines attached to the tops of crossbraces. Each can be run independently
- **Drip Irrigation Kit**—Drip tape, header, valves, pressure reduction, filter & fittings
- **Trellising Supplies** — Roller-plast spools, support wire, tomato clips

Installation Service Available:

- **Full Installation**—Our team of professional installers comes to your farm and installs your hoophouse, usually in one day
- **Community Build**—Nifty Hoops supervises your crew of volunteers or helpers. Projects are usually completed in one day. Like an old-school barn raising!
- **Starter Build**—Our lead builder works with you for half a day, jump-starting your project—setting posts to a plane, standing an endwall and a few bows, and teaching you all the tricky parts of the build
- **Delivery to Your Farm**—With our flatbed trailer and moffett we will get your materials right where you need them on the farm