

Merchney Greenhouse Checklist

GREENHOUSE CHOICES

Gutter Connected Roof

Round Tube _____
 Square Tube _____

Number of Bays- _____

Width of Bays:
 30' 29' 24' 22' 18'

Total Width- _____
 Total Length- _____

Column Spacing:
 12' 9'

Number of Purlins- _____

Gutter Height:
 14' 12' 10' other _____

Gutter Connected A Frame

Number of Bays _____
 Bay Width- 18' to 42' _____

Total Width- _____
 Total Length- _____

Column Spacing: 12'
 Gutter Height:
 14' 12' 10' other _____

Free Standing Unit

Heated Greenhouse _____
 Cold Frame _____
 Institutional:
 Schools, Prisons, Etc.

Width:
 30' 28' 26' 24' 22'
 16' 14' 12'
 Length- _____

Bow Spacing: 3' 4' 5' 6'
 Note: Bow spacing in 4'
 5' & 6' choices for 30'
 Through 22' bows.
 Choose 5' or 6' spacing
 For 16' bows.
 Choose 4' or 5' for 14'
 bows.
 Choose 3' for
 Institutional units.

GREENHOUSE COVERINGS AND OPERATING SYSTEMS

Covering

Polyethylene: _____
 Double __ Single __
 Clear __ White __
 UV __ UV/IR __
 Condensate __

Use on:

Roof __ Endwalls __ Sides __

Polycarbonate: _____

Twin wall __ Corrugated __

Use on:

Roof __ Sides __ Full Endwalls __
 Gables Only __ other __

Ventilation

Natural Ventilation: _____
 Ridge Ventilation _____
 Sidewall Curtains _____

Forced Ventilation: _____

Power Vent __ Roll-up vent __
 Exhaust fans __ Motorized Shutters __

Cooling

Evaporative Cooler _____

Heating

Forced Air _____

Hot water _____

Bench Top _____
 Below Bench _____
 Floor _____
 Other _____

Fuel Type

LP (Propane) _____
 Natural Gas _____

Environmental Controls

Standard Thermostats _____
 Computerized Controllers _____
 Complete Computerized
 Environmental control _____

Benches

Do you need benches?
 Yes _____
 No _____

If yes:

Rolling Benches _____
 Free Standing _____
 Stationary _____