

Outdoor Plant Protection

You can use anything to cover plants that will trap heat around plants or repel hail. Water jugs, cloche, Walls of water, black plastic pots, etc. Main thing is you don't want to have plants touch plastic sheeting. It will transfer cold.

5 Protection Structures

Green Houses - year-round 4 season

- Wood today aluminum or metal frames
- Plexiglass, old style – glass
- Stand alone or attached
- Heated & ventilated.

High tunnels – 3 season

- Metal frames
- Green house sheeting 6 mil. UV resistant
- Track & wiggle wire and/or wood
- Thermostatically Ventilated
- 3 at Hidden Mesa

Hoop houses – 3 season

- Rebar, pvc sch 40 or emt, fence pipe, drip pipe
- Usually wood end frames with a door
- Green house sheeting
- Track & wiggle wire and/or wood
- Sides can be opened for ventilation
- 4 in use at Mesa

Mini hoop houses – growing season

- Works well on garden beds
- EMT, PVC, Cattle Panels, Rebar (drip pipe)
- Anchor w/ u-clamps, PVC
- Green house plastic / Agribon etc.
- Clips plastic or aluminum

Cold Frames – Old windows, skylights, etc.

- Usually on a frame of some kind
- Walls of water are great and cheap, short time

Green House Plastic sheeting or film

4–6-year UV resistant 6mil

Cold Blankets

Agribon 15 row covers 90% light.

19 85% light 2-4 degrees frost protection

30 70% light 6-8 degrees protection

50 50% light 8 degrees protection

70 30% light 8 plus degrees protection

Hail & sun protection.

Shade cloth

Comes in 30% to 90% sun block.

Choose according to the plants you grow.

Example lettuce 30% inspiring, 50% in summer

Knitted 30% – 80% block out won't fray

Woven 30% - 90% block out.

Anchor with clips or rope.

What we do to protect food crops at Hidden Mesa

EMT- ½” hoops & U brackets or pvc in the ground

Early spring – A19 or 50, A50 end panels and plastic

Product Suppliers

Farm Tek 50% knitted \$.20, wiggle wire/track 65' - \$150.00

Gardener's Supply

Farm Plastic Supply 6mil UV 4yr. - \$.20/ft

Johnny Seed Clips 10pk - \$7.95

HD & Lowes EMTmt ½” 10ft - \$6.00