

Season Extension – the Wyoming Way

Not your mother's garden – high tech materials now available to help

Horticultural fabrics

Geotextiles such as Reemay and Agribond – different weights provide various levels of insulation
Added benefit - Insect barriers and wind protection

Plastic sheeting

Vented or not

Woven or not (wind resistance)

Considerations:

- Light transmission and diffusion
- UV stability
- Drip properties – controlling humidity
- Which side faces out? It matters with most and will be indicated on plastic

Heat control

- using heat mass helps keep cooler during the day and warmer at night
- ventilation

Frames

Rebar

PVC – straight and rolled

Welded wire fencing

Electrical conduit

Cattle panel

Attachment

Binder Clips

Greenhouse clamps

Aluminum tracks and “wiggly wire”

Lathe



Cloches

Save your plastics – gallon milk jugs, etc.

Get large plastic bottles from Culligan for free!!

Hot-caps

Heat mass

Walls-o-water
Water Cages
Make-your-own – milk jugs, etc.

Heating the soil

Plastic
Fabrics

Double up

Plastic plus fabric – have wintered-over lettuce and spinach in hoop-house with aid of Agribond frost blanket



Some sources for materials described in this presentation

- Johnny's Seeds (<http://www.johnnyseeds.com>)
- Greenhouse Megastore (<http://www.greenhousemegastore.com>)
- Growers' Supply (<http://www.growerssupply.com/farm/supplies/home>)
- Territorial Seed Company (<http://www.territorialseed.com>)
- Grow Organic (<https://www.groworganic.com/>)
- Northern Greenhouse (<http://www.northerngreenhouse.com>)
- Atlas Greenhouse (<https://atlasgreenhouse.com>)
- Farmtek (<http://www.farmtek.com/farm/supplies/home>)
- Dubois Agrinovation (<http://www.duboisag.com>)
- Wall O' Water (<https://www.wall-o-water.com>)

Be creative and resourceful!

Feel free to contact me with questions, etc. Maggie McKenzie, magpimckenzie@hotmail.com