



All Seasons Gardening

with

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Hoop House Site

- ❖ Location - Slope (flat if possible)
- ❖ Sun - as much sun as your site allows
 - In winter the sun will be MUCH lower in the sky
- ❖ Winds - is your site sheltered by trees or a building, or is it open and exposed?
- ❖ Secure the house to the ground

Soil Preparation

- ❖ *Soil Test*
- ❖ *pH should be close to 6.5*
- ❖ *Organic Matter - 5% or higher*
 - *Yearly additions of materials such as compost, grass clippings, fall leaves, animal manures (120 Days to Harvest)*
- ❖ *Fertility - per your soil test recommendations*
 - *In winter little fertilizer is needed*
 - *More growth and fertilizer need in spring and fall*
 - *Fertilizers i.e. complete fertilizers (NPK), fish emulsions, liquid, granular (your choice)*



Spinach - the Hardiest of Winter Greens























Winter Planting Schedule

Source: *A Garden for All Seasons*, Eliot Coleman, 2000

CROP	CULTIVAR	PLANTING DATES*
Mache	Vit	9/15-10/10
Scallion	White Spear	7/15
Spinach	Space	9/15
Tatsoi	***	9/15-10/1
Carrot	Napoli	8/1
Claytonia	***	9/15-10/1
Sorrel	De Belleville	**
Chard	Argentata	7/15
Minutina	***	9/1-9/25
Lettuce	Samantha	9/15-10/1
Beet leaves	Red Ace	9/1-9/10
Arugula	Selvatica	9/7-9/21
Escarole	Coral	7/15-8/1
Endive	Salad King	7/15-8/1
Radicchio	Augusto	7/15-8/1
Chicory	Bianca	8/15-8/21
Parsley	Riccia	7/15
Mizuna	Forest Green	9/1-9/21
Dandelion	***	7/15
Turnip	Ameliore	9/1-9/15
Mustard	Hakurai, Red Giant	8/21-9/1

* Planting dates are for Zone 5.

** Sorrel is a perennial. Plant seeds in spring. In late August divide the plants and transplant to the frame.

*** No named cultivars.

[HTTP://WWW.JOHNNYSEEDS.COM/T-WINTER-GROWING-GUIDE-HIGH-TUNNEL-SCHEDULING.ASPX](http://WWW.JOHNNYSEEDS.COM/T-WINTER-GROWING-GUIDE-HIGH-TUNNEL-SCHEDULING.ASPX)

Site Rotation

- ❖ *Important for soil - to avoid build up of soluble salts*
- ❖ *Winter Site 1*
 - *Plant July - September*
 - *Move house to area by October*
- ❖ *Spring Site 2*
 - *Plant in late March/early April*
 - *Move house to area as soon as the snow is melted and you can move the house*
- ❖ *Summer Site 3*
 - *Plant seedlings indoors in February-March, transplant outdoors late-April/early-May*
 - *Move house to area 2 weeks before setting seedlings out*





Row Covers

- Serve as the second layer
- In theory 1 growing zone per layer
- Agribon, Remay etc., trade names

Note:
Rows are 30 inches wide

Winter





Ventilation

*Winter - none needed
Spring - some needed
Summer - a LOT needed*



Spring



Outside View



Inside View



Vent Arm

Summer





Tomato and Vine Crop Trellis System



Roller Hook



Rain Barrels



Fertigate via rain barrel



Downspout Metal Diverter

Drip Irrigation

- ❖ Uniform, deep watering and doesn't wet the foliage
- ❖ Fertigate (add fertilizer to drip lines)







QUESTIONS?

