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

* 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.

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