

Winter Gardening Without a Greenhouse

Gardening For Everyone

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Over-wintering vegetables

Greens & Root Veggies

- Brassicas (Broccoli, Brussels sprouts, Cabbage, Cauliflower, Collards, Kale, Kohlrabi, Mustards, Sprouting Broccoli)
- Many varieties, can be coordinated for early to late harvest throughout fall/winter/spring, i.e., Broccoli, Cauliflower, Cabbage (see Territorial Seed Winter Catalog)
- Misc. (Swiss Chard, Spinach, Chicory, Cabbage, Salad greens, Fennel, Celery)
- Root vegetables (Beets, Carrots, Celery Root, Parsnips)

Overwintering Alliums

Onions

Garlic

Leeks

Shallots

Perennials

Kale

Collards

Artichokes

Planting Your Winter Garden

1. Starting seeds indoors for later transplant*

- **Late March-Early April**

Leeks, Onions, Shallots (seed)

Transplant out in May/June

- **Mid-April**

Brassicas: Broccoli, Brussels sprouts, Cabbage, Cauliflower, Celery, Celery root, Kohlrabi

Transplant out in May/June

***Alternative: Purchase veggie starts at the MG Spring Plant Sale in mid May!!**

2. Direct planting outdoors

- **Mid-May**

Carrots, Parsnips

- **Mid-July to Early August**

Mustard greens, Swiss chard, Beets, Kale, Collards, Lettuce, Spinach, Radishes, Radicchio

- **Mid-October**

Alliums: Garlic, Shallots, Onion bulbs

Garden Bed Rotation

Year One:

Plant in April/May-Take out in mid-Oct:

Spring greens (Peas, Salad greens, scallions)

Amend with compost, Veg fertilizer, manure (except peas)

October-Mulch or Cover Crop with Clover for winter

Year Two:

Plant in June- Take out in early Oct:

Tender veggies (tomatoes, peppers, eggplant, beans, cucumbers and summer squash)

Amend with compost, veg fertilizer, Calcium, Phosphorous

Plant in Mid-Oct-Take out in Late June:

Alliums (Onion, Shallots, Garlic from starts)

Amend with compost, Veg fertilizer, Bone meal/Rock Phosphate

Year Three:

Plant in Mid-July/Early Aug-Take out in April:

Over-wintering greens (Brassicas, Root crops, Hardy greens)

Amend with compost, agricultural lime, manure

Resources:

extension.wsu.edu/snohomish/fall-and-winter-vegetable-gardens-for-western-washington/

Winter Gardening in the Maritime Northwest: Cool Season Crops for the Year-Round Gardener, by Binda Colebrook

Territorial Seed Company Winter Catalog



TERRITORIAL SEED COMPANY



Winter Gardening Chart

Vegetable	Sowing Date Range						Harvest	Max Storage Time	Storage Temp	Storage Humidity	Freeze Out Temp
	May	June	July	Aug.	Sept.	Oct.					
Arugula							Winter-Spring	1 week	34-40°F	90-95%	5-10°F
Beets							All Winter	4-5 mo	34-40°F	90-95%	15-20°F
Beans, Fava							Spring-Summer		34-40°F	Dry	10-20°F
Broccoli - Autumn Harvest							Autumn	2 wks	34-40°F	90-100%	Before Severe Frost
Broccoli - Sprouting							Spring	2 wks	34-40°F	90-100%	15-20°F
Brussels Sprouts - Autumn Harvest							Autumn	3-5 wks	34-40°F	90-100%	After Severe Frost
Brussels Sprouts - Winter Harvest							Winter	3-5 wks	34-40°F	90-100%	After Severe Frost
Cabbage - Late Summer Harvest							Late Summer	3-6 wks	34-40°F	90-100%	Before Heavy Freeze
Cabbage - Autumn/Winter Harvest							Autumn-Winter	5-6 mo	34-40°F	90-100%	Before Heavy Freeze
Cabbage - Winter Harvest							Winter		34-40°F	90-100%	Before Heavy Freeze
Carrots							Winter-Spring	4-5 mo	34-40°F	90-95%	5°F
Cauliflower - Summer Harvest							Late Summer	3-4 wks	34-40°F	90-95%	10-15°F
Cauliflower - Autumn Harvest							Autumn	3-4 wks	34-40°F	90-95%	10-15°F
Cauliflower - Spring Harvest							Spring	3-4 wks	34-40°F	90-95%	10-15°F
Chinese Cabbage							Late Fall	2-3 wks	34-40°F	90-95%	20°F
Collards							Winter-Spring	1 week	34-40°F	90-95%	5-10°F
Corn Salad							Spring	1 week	35-40°F	90-95%	5°F
Endive							Winter	2 wks	34-40°F	90-95%	Before Heavy Freeze
Fennel							Autumn-Spring	2-3 wks	33-40°F	90-95%	Before Heavy Freeze
Garlic & Shallot Bulbs							Summer	5-8 mo	34-50°F	60-70%	15°F
Kale							Winter-Spring	2-3 wks	34-40°F	90-95%	5-10°F
Kohlrabi							Winter-Spring	2-3 wks	34-40°F	90-95%	5°F
Leeks - Autumn Harvest							Fall-Winter	8 wks	34-40°F	90-95%	5°F
Leeks - Winter Harvest							Winter-Spring	8 wks	34-40°F	90-95%	5°F
Lettuce							Fall-Winter	2 wks	34-40°F	90-95%	5-10°F
Mustard Greens							Winter	2 wks	34-40°F	90-95%	5°F
Onion - Bunching							Winter-Spring	3 wks	34-40°F	90-95%	5-10°F
Onion - Overwintering & Shallots							Spring-Summer	4-8 mo	55-65°F	60-70%	5-10°F
Parsnips							Winter	4-6 mo	34-40°F	90-95%	5°F
Peas - Autumn							Fall	2 wks	33-40°F	90-95%	15°F
Peas - Overwintering							Spring	2 wks	33-40°F	90-95%	15°F
Radicchio							Fall-Winter	3-4 wks	33-40°F	90-95%	15-20°F
Radishes							Winter-Spring	2-4 mo	33-40°F	90-100%	15-20°F
Rutabagas							Winter-Spring	4-6 mo	33-40°F	90-95%	20°F
Spinach							Fall-Winter	1-2 wks	33-40°F	90-95%	5-10°F
Swiss Chard							Fall-Winter	1-2 wks	33-40°F	90-95%	5°F
Turnips							Winter-Spring	4-5 mo	34-40°F	90-95%	20°F

Sow seeds during this time period. See cultural information in the catalog.

Transplant: These seedlings benefit from transplanting. Move at six weeks to a permanent well-limed location.

Covering or cloching these varieties will lengthen the harvest period.

Freeze Out Temp should be used as a general guideline only. Many factors affect when a plant will succumb to cold. Our intent is to provide a temperature at which you may want to consider when to harvest and store.