

This table is only a guide. Be sure to use the instructions on the seed packets or in the catalogs you use.

Also adjust the Average Last Freeze Date for where you live in Chenango County. Higher elevations might be safer using June 1 for an Average Last Freeze Date.

The weeks to set out, etc were derived from a University of Montana Extension Guide – available at <http://msuextension.org/publications/YardandGarden/MT199308AG.pdf>

The optimal soil temps are taken from Johnny's Selected Seeds catalog.



Vegetable	Average Last Freeze Date	Transplant X Weeks Before (-) or After (+) Freeze	Transplant Outdoor Date	Weeks To Grow Indoors	Sow Indoor Date	Optimal Soil Temp for Germination Degrees F
Broccoli	May 25	-3	May 4	-6	March 23	77
Brussel Sprouts (Fall)	May 25	+10 to + 16	Aug 3 (10 wks)	-6 to -8	(-7wks) June 15	86
Cabbage (Spring)	May 25	-1 to +1	May 18 –June 1	-5 to -7	April 20	75+
Cabbage (Fall)	May 25	+10 to +16	Aug 3-Sept 14	-5 to -7	(-6) June 22–Aug 3	75+
Cauliflower (Spring*)	May 25	-3	May 4	-5 to -7	March 30	70+
Cauliflower (Fall)	May 25	+10 to +16	Aug 3-Sept 14	-5 to -7	(-6) June 22–Aug 3	70+
Eggplant	May 25	+6 to +7	July 6-13	-8	May 11-18	80-90
Lettuce (Head)	May 25	-3 to +1	May 4 – June 1	-4	April 6 – May 4	68 or lower
Onion (Seeds)	May 25	-3 to +1	May 4 – June 1	-8	March 9 – Apr 6	65-85
Peppers	May 25	+6 to +7	July 6 - 13	-8	May 11-18	80-90
Tomato (Early Season Type)	May 25	+ 4	June 22	-5 to -6	May 11 -18	75-90
Tomato (Main Season Type)	May 25	+5 to +7	June 29–July 13	-5 to -6	(-6)May 18 –June 1	75-90
Herbs (A= Annual, P = Perennial, B = Biennial)						
Basil (Sweet) (A)	May 25	4	June 22	-5 to -6	May 11-18	Check Seed Packet
Burnet-Salad (P) Lemon Balm (P)	May 25	0	May 25	-6 to -8	March 30 -April 13	For
Caraway (B) & Fennel (A)	May 25	0	May 25	-4 to -6	April 13-27	Herb Seed
Chamomile (A)	May 25	0	May 25	-4	April 27	Soil Temps
Chives(P) & Thyme (P)	May 25	-1	May 18	-8	March 23	For
Majoram (Sweet) (A)	May 25	0	May 25	-6 to -8	March 30-April 13	Germination
Mint (P)	May 25	1	June 1	-8	March 30	
Oregano (P) Sage (P)	May 25	0 to +1	May 25	-6 to -8	March 30-April 13	
Parsley (A)	May 25	0	May 25	-8	March 30	
Summer Savory (A)	May 25	0	May 25	-6 to -8	March 30-April 13	



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Chenango County

Using Average Freeze Dates for Starting Vegetable Transplants in Chenango County

The average last spring freeze (32° F.) date and average first fall freeze (32° F.) date can be used as guides for determining when to start vegetable seeds indoors. These dates are also utilized to guide gardeners in determining when certain vegetables can be planted directly outdoors into their garden. Notice that **frost** is not used in determining the average freeze dates. Frost is defined as the deposit of ice crystals on the surface of plants or other ground objects. A frost often does not occur in subfreezing temperatures. In addition, a frost may occur even when the reported temperature is above the freezing level (at approximately 5 feet above ground level - the height normally used for recording temperatures). Remember these are average dates – the exact date cannot be predicted for any given year. Weather in Chenango County can be quite variable depending on where you live in the county, as well as your elevation or slope. Maps of average freeze dates can give you some guidance, but it is important to be familiar with your own location and to adjust these dates accordingly. The number of days between the last spring freeze and the first fall freeze is referred to as the length of the growing season.

The dates for starting seeds in this table are simply guides; you may want to be adventurous and try starting a few seeds early. You don't want to start seeds too early however, they may get too tall and gangly reaching for the light.

Planting Dates for Direct Seeding Vegetables Outdoors in Chenango County, New York

<i>Vegetable</i>	<i>Usual Planting Period</i>	<i>Outdoor Soil Temperature for Germination Degrees F</i>
Beans, dry	May 25-June 15	60°
Beans, bush or pole	May 1-July 25	60°
Beets	April 1-July 31	As soon as soil thaws
Carrots	March 25-June 30	41° to 77° early spring to mid July
Lettuce	March 25-July 15	As soon as soil can be worked – then every 2 weeks for continuous harvest
Melons	June 1 – June 8	Above 70°
Onions - Seeds	March 25-April 30	50°-86°, as soon as soil can be worked
Onions - Sets	May 25 – June 8	NA
Peas	April 1-May 15	45°-80°, as soon as soil can be worked
Potatoes	April 1-May 31	Early to mid-spring
Pumpkins	May 15-June 10	59° – 86°, check maturity dates – count backwards from Halloween/ when you want them
Radishes	April 1-August 31	50°-80°, early spring, then every 2 weeks to spread harvest
Spinach, spring	March 15-April 30	As soon as ground can be worked
Spinach, fall	July 15-August 31	Less than 85°, late July – early Sept
Squash, summer	May 25-June 30	62°+ for treated seed, 70°+ for untreated
Squash, winter	May 25-June 15	62°+ for treated seed, 70°+ for untreated
Turnips	June 8-August 10	68°-77°
Watermelons	May 25-June 5	68°-90°