

Vegetable Garden Planting Guide

Seed or Plants	Suggested Planting Dates ¹	Suggested varieties from NCSU	Inches between plants	Planting Depth (in.)	Min. Soil Temp.(F) ²	Amount / Person / Year	Approx # of seeds / ounce	Days to maturity
Asparagus (crowns)	Nov 15-Mar 15	Mary Washington, Jersey Gaint, Jersey Gem	15	6	-	10	-	2 years
Beans, Snap	Apr 15-July 15	Tenderette, Harvester, Astro, Roma (flat), Derby, Dandy	3	1	60	1/4 lbs	100	50-55
Beans, Pole	Apr 15-July 1	Kentucky Wonder 191, Blue Lake Stringless, Romano (flat), Kentucky Blue	6	1	50	1/4 lbs	100	65-70
Beans, bush lima	May 1-July 1	Fordhook 242, Bridgeton, Early Thorogreen	6	1.5	65	1/2 lbs	703	65-80
Beans, pole lima	May 1-June 15	King of the Garden, Carolina Sieva (small)	6	1.5	65	1/2 lbs	703	75-95
Beets	Mar 15-Apr 15; July 15-Aug 15	Ruby Queen, Early Wonder, Red Ace, Pacemaker II, Emperor	2	0.5	50	1/4 packet	1,600	55-60
Broccoli ^{4,5}	Mar 15-31; July 15-Aug 15	DeCicco, Packman, Premium Crop, Green Duke	18	0.5	45	15 plants	9,000	70-80
Bussels Sprouts ^{4,5}	July 1-15	Long Island Improved, Jade Cross Hybrid	20	0.5	45	25 plants	9,000	90-100
Cabbage Plants ^{4,5}	Feb 1-Apr 1; Aug 1-15	Round Dutch, Early Jersey Wakefield, Red Express, Red Rookie, Sweetbase	12	0.5	45	25 plants	9,000	70-80
Cabbage, Chinese	Mar 15-Apr 1; Aug 1-15	Pak Choi, Mei Ching, Jade Pagoda, China Pride	12	0.5	50	1/4 packet	9,500	75-85
Cantaloupe	Apr 20-June 1	Classic, Magnum 45, Ambrosia, Honey Brew	24	1	70	12 plants	1,000	85-99
Carrots	Feb 15-Mar 1; July 1-15	Danvers Half Long, Spartan Bonus, Little Finger, Thumbelina, Scarlet Nantes	2	0.25	45	1/4 packet	23,000	85-95
Cauliflower ^{4,5}	Mar 15-31; Aug 1-15;	Early Snowball "A", Villet Queen, Snowcrown	18	0.5	45	25 plants	10,000	55-65
Collards ^{4,5}	July 15-Aug 15	Vates, Moris' Improved Heading, Carolina	18	0.5	45	25 plants	8,000	60-100
Corn, sweet	Apr 15-June 1	Silver Queen, Seneca Chief, Honey 'n Pearl, How Sweet It Is, Bodacious, Merit	12	1.5	50	1 Packet	150	85-90
Cucumbers, pickling	Apr 20-May 15; Aug 1-15	Carolina, Calypso, Liberty (mnts.), County Fair '83	10	1	65	1/4 packet	1,000	40-50
Cucumbers, slicing	Apr 20- May 15; Aug 1-15	Poinsett, Sweet Slice, County Fair '83, Salad Bush, Fanfare	10	1	65	1/4 packet	1,000	40-50
Eggplant (plants) ^{3,4}	May 1-31	Florida Highbush, Special Hibush, Ichiban, Rosa Bianco	24	0.5	70	2 plants	6,000	80-85
Kale	Mar 1-Apr 1; Aug 15-Sept 1	Green Curled Scotch, Early Siberian, Vates, Dwarf Blue Curled Scotch, Blue Knight	6	0.5	45	1/4 oz	10,000	40-50
Kohlrabi	Mar 1-Apr 15; Aug 1-Sept 1	White Vienna, Grand Duke Hybrid	4	0.5	55	1/4 oz	8,000	50-60
Lettuce (leaf)	Mar 1-Apr 1; Aug 1-Sept 1	Grand Rapids, Salad Bowl, Buttercrunch, Red Sails, Romulus	6	0.25	45	1/4 oz	25,000	40-50
Lettuce (head)	Feb 15-Mar 15; Aug 15-31	Great Lakes, Ithaca	10	0.25	45	15 plants	25,000	70-85

Mustard	Mar 1-Apr 1; Aug 1-Sept 15	Southern Giant Curled, Tendergreen, Savannah	2	0.5	40	1/4 oz	15,000	30-40
Onions (seed)	Jan 15-Mar 31; Sept 1-30	Texas 1015, Granex 33, Candy	4	0.5	50	1/4 oz	9,500	130-150
Onions (sets or plants)	Feb 1- Mar 15; Sept 1-15	Ebenezer, Excell, Early Grano	4	-	-	50	-	60-80
Okra	May 1-31	Clemson Spineless, Lee, Annie Oakly, Burgundy	12	1	70	1/4 packet	500	60-70
Peas (edible-podded)	Jan 1- Mar 15	Sugar Snap, Mammoth Melting Sugar, Snowbird, Sugar Bon	1	1	40	1/2 lbs	2003	60-70
Peas, garden	Jan 1- Mar 15	Wando, Green Arrow, Freezonian, Tall Telephone	1	1	40	1/2 lbs	2003	65-70
Peas, southern	May 1-July 1	Dixilee, Mississippi Silver, Colossus, Hercules, Mississippi Purple Hull	4	1	70	1/2 lbs	125	55-65
Peppers, sweet (plants) ^{3,4}	May 1-31	California Wonder, Yolo Wonder, Pimento, Mexi Bell, Jingle Bells, King Authur, Lilac Bell, Lemon Bell	18	0.5	65	4 plants	4,500	75-80
Peppers, hot (plants) ^{3,4}	May 1-31	Red Chili, Cayenne, Hungarian Yellow Wax, Super Chili, Super Cayenne, Mitla, Surefire, Biscayne, Habanero, Thai Dragon	15	0.5	65	2 plants	4,500	75-80
Potatoes (Irish)	Feb 15- Apr 1	Kennebec, Red Pontiac, Yukon Gold, Superior	10	5	40	10 lbs	-	95-120
Pumpkins	Apr 15- June 15	Autumn God, Howden's Field, Spookie (small), Baby Bear, Connecticut Field	48	1.5	70	1/4 packet	110	115-120
Radishes	Feb 1- Apr 1; Aug 15-Sept 15	Early Scarlet Globe, Cherry Belle, Snowbells, White Icicle	1	0.5	45	1/4 packet	2,000	25-30
Radish, Diakon	Feb 1- Apr 1; Aug 15-Sept 15	April Cross, H.N. Cross	1	0.5	45	1/4 packet	2,000	60-75
Rutabagas	Feb 1- Apr 1; July 1-Aug 1	American Purple Top, Laurentian	4	0.5	60	1/4 packet	12,000	70-80
Spinach	Feb 15-Mar 15; Aug 1-15	Hybrid 7, Dark Green Bloomsdale, Tye Hybrid	6	0.5	45	1/4 packet	2,800	50-60
Squash, summer	Apr 15- May 15, Aug 1-15	Seneca Prolific (yellow), Zucchini Elite (green), Sun Drops, Goldbar, Sunburst, Peter Pan	24	1.5	60	1/4 packet	300	50-60
Squash, winter	Apr 15- May 15, Aug 1-15	Sweet Mama, Early Butternut, Spaghetti, Cream of the Crop, Table Ace, Lakota, Butterbush	24	1.5	60	1/4 packet	300	50-60
Sweet potatoes ⁵	May 15-June 15	Porto Rico 198, Jewel, Pope	10	-	70	75 plants	-	95-125
Swiss chard	Mar 15- May 1	Lucullus, Rhubarb Chard	6	0.5	50	1/4 packet	1,600	60-70
Tomatoes (plants) ^{3,4}	Apr 20-July 15	Whopper ⁵ , Mt. Pride, Celebrity ⁵ , Better Boy ⁵ , Husky Gold, Patio, Big Beef ⁵	18	0.5	60	15 plants	10,000	75-85
Turnips	Feb 1-Apr 15; Aug 1-31	Purple Top White Globe, Just Right, Tokyo Cross Hybrid, White Egg, All Top	2	0.5	60	1/4 oz	13,000	55-60
Watermelons	Apr 15-June 1	Congo, Sweet Princess, Golden Crown, Yellow Doll, Tiger Baby	60	1.5	70	1/2 oz	2503	90-100

¹Dates shown are for the upper coastal plain & lower piedmont. In western NC delay planting 10-20 days in spring & plant 10-20 days earlier in fall. In eastern NC plant 7-14 days earlier in spring and 7 to 14 days later in fall.

²At these temperatures germination and emergence should be rapid. Planting at lower soil temperature would significantly delay emergence.

³Seedling depths & soil temperatures are given for gardeners who wish to grow their own plants.

⁴Set plants at least 50 percent of their length below ground.

⁵Carries resistance to verticillian wilt, fusarium wilt, & root-knot nematodes