

Nacogdoches County Vegetable Planting Guide

Texas A&M AgriLife Extension Service

Compiled by:

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Crop	Date to Plant-Spring	Date to Plant-Fall	Seed or Plants per 100 Feet	Inches of Planting Distance	# of Days Before Harvest	Yield per 100 Feet	Average Days of Harvest
Asparagus	3/1-15	11/15	1 oz.	18	730	30 lbs.	60
Beans, Bush	3/10	8/1	½ lb.	3-4	45-60	120 lbs.	14
Beans, Pole	3/10	8/1	½ lb.	4-6	60-70	150 lbs.	30
Beans, Lima	3/10	8/1	¼ lb.	3-4	80	50 lbs.	40
Beets	2/20	8/1	1 oz.	2	50-60	150 lbs.	30
Broccoli	2/15	7/15	¼ oz.	14-24	60-80	100 lbs.	40
Brussel Sprouts	2/15	7/10	¼ oz.	14-24	90-100	75 lbs.	21
Cabbage	2/15	8/1	¼ oz.	14-24	60-90	150 lbs.	40
Cabbage, Chinese	2/15	8/1	¼ oz.	8-12	65-70	80 lbs.	21
Carrots	2/20	7/1	½ oz.	2	70-80	100 lbs.	21
Cauliflower	2/15	7/1	¼ oz.	14-24	70-90	100 lbs.	14
Chard, Swiss	2/15	7/1	2 oz.	6	45-55	75 lbs.	40
Collard, Kale	2/15	7/1	¼ oz.	8-16	50-80	100 lbs.	60
Corn, Sweet	3/1	6/1	3-4 oz.	12-18	70-90	10 dozen	10
Cucumber	4/1-15	-	½ oz.	24-48	50-70	120 lbs.	30
Eggplant	4/1-15	8/1	1/8 oz.	18-24	80-90	100 lbs.	90
Garlic	2/15	11/15	1 lb.	2-4	140-150	40 lbs.	-
Kohlrabi	2/15	7/15	¼ oz.	4-6	55-75	75 lbs.	14
Lettuce	3/1	7/15	¼ oz.	2-3	40-80	50 lbs.	21
Muskmelon	3/15	-	½ oz.	24-36	85-100	100 fruit	30
Mustard	3/15	7/15	¼ oz.	6-12	30-40	100 lbs.	30
Okra	4/15	-	2 oz.	24	55-65	100 lbs.	90
Onion (plants)	2/15	9/1	400-600 plants	2-3	80-120	100 lbs.	40
Parsley	3/1	7/15	¼ oz.	2-4	70-90	30 lbs.	90
Peas, English	1/15	7/1	1 lb.	1	55-90	20 lbs.	7
Peas, Southern	4/15	7/1	½ lb.	4-6	60-70	40 lbs.	30
Pepper	4/1	7/1	1/8 oz.	18-24	60-90	60 lbs.	90
Potatoes, Irish	2/1-15	6/15	6-10 lbs.	10-15	75-100	100 lbs.	-
Potatoes, Sweet	4/1-5/1	-	75-100plts	12-16	100-130	100 lbs.	-
Pumpkin	5/15	8/1	½ oz.	36-48	75-100	100 lbs.	-
Radish	3/1	7/1-10/10	1 oz.	1	25-40	100 bchs.	7
Squash, Summer	3/1-15	7/15	1 oz.	18-36	50-60	150 lbs.	40
Squash, Winter	4/1-15	-	½ oz	24-48	85-100	100 lbs.	-
Tomato	3/1-15	7/15	1/8 oz.	18-36	70-90	100 lbs.	40
Turnip	2/20	7/15	½ oz	2-3	30-60	50-100 lbs.	30-40
Watermelon (transplant seeds)	3/15	-	½ oz	36-96	80-100	40 fruit	30
Watermelon (Hybrids, Seedless/Triploid, Bush Types)	3/25	7/15	½ oz	36-96	75-100	40 fruit	30

Recommended Vegetable Varieties

- Asparagus-** Jersey Knight, Jersey Giant
- Bean, Lima-** Butterpea, Dixie Speckled, Dixie White, Henderson Bush, Jackson Wonder, Thorogreen, Florida Speckled (Pole), Sieva Carolina (Pole, early)
- Bean, Snap-** Greencrop Bush (Flat Pod), Roma II (Flat Pod), Oval Pod Bush Blue Lake 274 (Green), Oval Pod Contender (Green), Oval Pod Derby (Green), Oval Pod Tendergreen (Green), Oval Pod Topcrop (Green), Blue Lake (Pole), Jade (Pole), Kentucky Wonder (Pole), Goldcrop (Yellow), Improved Golden Wax (Yellow)
- Beet-** Detroit Dark Red, Ruby Queen
- Broccoli-** Lucky, Green Magic (AAS), Packman, Premium Crop (AAS), Patron, Emerald Pride
- Cabbage-** Bravo, Blue Vantage, Rio Verde, Savoy King, Jade Pagoda (Chinese), Michili (Chinese)
- Cantaloupe-** Ambrosia, Israeli, Cruiser, Caravelle, TAM Dew, TAM Uvalde
- Carrot-** Imperator 58, Nantes, Purple/Maroon Dragon
- Cauliflower-** Snow Crown (AAS), Snowball Y Improved
- Collards-** Georgia Southern
- Corn (Sweet)-**Kandy Korn, Silver Queen, How Sweet It Is, Merit, G-90
- Cucumber-** Calypso (Pickling), Burpless (Slicer), Dasher II (Slicer), Poinsett 76 (Slicer), Sweet Slice (Slicer), Sweet Success (Slicer, AAS)
- Eggplant-** Black Beauty, Ichiban (Oriental)
- Kale-** Dwarf Curled Vates
- Kohlrabi-** Early White Vienna, Grand Duke Hybrid (AAS)
- Lettuce-** Buttercrunch (Butterhead, AAS), Red Sails (Leaf), Red Salad Bowl (Leaf), Salad Bowl (Leaf), Paris Island (Romaine)
- Mustard-** Tendergreen
- Okra-** Clemson Spineless, Emerald, Lee, Cajun Delight
- Onion-** Red Burgundy (Red Skin), White Granex PRR (White Skin), Granex (Yellow Skin), Granex 33 PRR, (Yellow Skin), Texas Grano 1015YPRR (Yellow Skin), Texas Grano 502 PRR (Yellow Skin) Evergreen Bunching (Scallions)

Pea (Edible Podded)-Dwarf Gray Sugar, Sugar Ann, Sugar Bon, Sugar Snap (AAS)

Pea (English)- Little Marvel, Wando

Pepper (Extremely Hot)- Small Serrano, Small Cayenne

Pepper (Hot Chile)- Anaheim Chili, Big Jim

Pepper (Hot Long, Smooth Cayenne)- Large Red Thick

Pepper (Very Hot)- Habanero

Pepper (Hot Long, Smooth)- Hungarian Wax

Pepper (Hot Short, Medium)- Hot Jalapa, Hot Jalapeno

Pepper (Hot Short, Mild)- TAMU Mild Jalapeno

Pepper (Mild Chile)-TAMU Mild Chile-2

Pepper (Pimento)- Pimiento

Pepper (Sweet Bell)- Bell Tower, Big Bertha, Jupiter

Pepper (Sweet Long)- Gypsy (AAS)

Pumpkin- Big Max or Big Mac, Connecticut Field, Jack O'Lantern, Jack-B-Little, Mall Sugar, Sprit Hybrid (AAS)

Radish- Champion (AAS), White Icicle

Rutabaga- American Purple Top

Southern Pea-California #5, Cream 40, Zipper Cream, Texas Pinkeye

Spinach- Samish (Fall, Savoy), Malabar

Squash- Sweet Mama (Summer & Winter), Black Magic (Summer, Green), Patty Pan or St. Pat (Summer, White), Sunburst (Summer, Yellow), Dixie (Summer, Yellow, Crook Neck), Multipik (Summer, Yellow, Straight Neck), Cougar (Summer, Yellow, Straight Neck), Gold Rush AAS (Summer, Yellow, Zucchini), Butternut AAS (Winter, Early), Ace (Winter, Table), King (Winter, Table), Vegetale Spaghetti (Winter), Waltham Butternut AAS (Winter)

Sweet Potatoes- Beauregard

Swiss Chard- Lucullus, Bright Lights, Rhubarb Chard or Ruby

Tomato (Early)- Bingo (VFFTASt), Carnival (VFNT), Celebrity (VFNT), Sunpride, Sunchief, SunLeaper, Amelia & Solar Fire, Florida 47 & 91, Top Gun

Tomato- Porter, Roma, Cherry & Grape, Red Cherry Large, Yellow Pear, Tomatillo, BHN444

Turnip- White Globe (Purple Top), Tokyo Cross

Watermelon- Allsweet, Black Diamond, Charleston Gray, Crimson Sweet, Jubilee, Tendersweet (Yellow Flesh)

Watermelon(Hybrid)- Jamboree, Sentinel, Ole, Mickeylee (Small Fruited), Triple Crown (Seedless), Tri-X 313 (Seedless), Millennium (Seedless), Sweet Slice (Seedless), Seedless SweetHeart (Seedless)

VEGETABLE SEED COMPANIES

Bunton's Seed Co.	http://buntonseed.com
Burpee Seed	http://www.burpee.com/
Ferry-Morse	http://HomeHarvestSeeds.com
Garden Guides Seed	http://www.gardenguides.com/seedcatalog/vege
Gurney's Seed & Nursery	http://www.Gurneys.com
Harris Seeds	http://www.harriseseeds.com
Henry Field's Seed & Nursery	http://henryfields.com/
Johnny's Selected Seeds	http://www.johnnyseeds.com/
Park Seed Company	http://www.parkseed.com/
Stoke's Seeds Ltd.	http://www.stokeseeds.com/cgi-bin/StokesSeed
Willhite Seed Company	http://www.willhiteeed.com/index.php
Dixondale Farm	http://dixondalefarms.com/
Rachel's Tomato Seed Supply	http://www.rachelssupply.com/Tomato.htm
Tomato Growers Supply Company	http://www.tomatogrowers.com
Siegers Seed Company	http://www.siegers.com
MBS Seed, Ltd.	http://www.mbsseed.com/initial_page.htm
Otis S. Twilley Seed Co., Inc.	twilley@twilleyseed.com

Garden Problem Guide

<u>Symptom</u>	<u>Possible Cause</u>	<u>Possible Cure</u>
Dying young plants	Fertilizer burn	Mix fertilizer thoroughly with soil Use treated seed
Stunted plants pale to yellow	Low soil fertility Poor soil drainage Shallow or compacted soil Insects or disease Nematodes	Soil test for fertilizer recommendations Add organic matter Work soil deeper Identify & use control measures Use approved chemicals
Stunted plants	Low temperature	Plant at recommended time
Purplish color	Lack of Phosphorous	Add phosphorous fertilizer
Holes in leaves	Insects Hail	Identify & use control measures Be thankful it was not worse
Spots, molds, darkened areas on leaves & stems	Disease Chemical burn	Identify, spray or dust, use recommended rate & time Use recommended chemicals at recommended rate & time
Wilting plants	Dry soil Excess soil moisture Disease	Irrigate if possible Avoid over-watering Use resistant varieties if possible
Weak, spindly plants	Too much shade Plants too thick Too much nitrogen	Move garden to sunny area Seed at recommended rate Avoid excess fertilization
Failure to set fruit	Improper temperature Too much nitrogen Insects	Follow recommended planting time Avoid excess fertilization Identify & use control measures
Tomato leaf curl	Heavy pruning in hot weather	Do not prune, use cages
Dry brown to black rot on blossom end of tomato	Low soil calcium Extremely dry soil	Add gypsum Irrigate and mulch
Misshapen tomatoes	Cool weather during blooming	Plant at recommended time
Abnormal leaves and growth	2,4-D weed killer Virus disease	Do not use sprayer that has previously applied 2,4-D Do not allow spray to drift to garden Remove infected plants to prevent spreading. Control insects that transmit

Transplanting Guide

Easily Transplanted

Beets
Broccoli
Cabbage
Cauliflower
Chard
Collards
Lettuce
Onion
Tomato

Requires Care

Eggplant
Pepper

Very Difficult Without Containers

Cantaloupe
Corn
Squash
Cucumber
Pumpkins
Watermelons

Should Not Be Transplanted

Beans
Okra
Carrots

Crop Tolerance to Acid Soils

Slightly tolerant (pH 6.8 to 6.0)

Asparagus
Beet
Broccoli
Cabbage
Cauliflower
Chard, Swiss
Chinese Cabbage
Lettuce
Muskmelon
New Zealand spinach
Okra
Onion
Spinach

Moderately tolerant (pH 6.8 to 5.5)

Bean
Bean, Lima
Brussels Sprouts
Carrot
Collard
Corn
Cucumber
Eggplant
Garlic
Kale
Kohlrabi
Parsley
Pea, Southern
Pepper
Pumpkin
Radish
Rutabaga
Squash
Turnip

Very tolerant (pH 6.8 to 5.0)

Potato, Irish
Sweet Potato
Watermelon