

# Planting Schedules for Vegetables & Other Annuals in Southeast Texas

by Bob Randall, Ph.D. (Creative Copyright 2023)

## The Need For Better Vegetable Planting Schedules

The last decade of climate change in Southeast Texas and ample evidence from the previous 20 years helped me to decide that we need dynamic vegetable planting schedules that are adjustable as times change. Our schedules should be easy to change as our climate does. As well, it should be more attuned to temperature differences across Southeast Texas whether coastal islands or the edge of Hill Country or East Texas forests or Bastrop.

This document is divided into 3 parts.

- The first is talking about temperatures and the growth of plants. This explains why temperatures are so important.
- The second part are tables of what I call **vegetable planting zones**. You will need to know your planting zones for each of the four seasons in order to use the schedules. Your zone may possibly change in the years ahead and it will affect what planting schedule you will use then.
- The third part is a month-by-month planting table for all zones in Southeast Texas. With minor adjustments, it can probably be used for many years by all of us.

## **Temperatures and Plants**

In order to grow plants that live and die and produce good harvests within 12 months, it is necessary to grow them at the correct temperatures. These temperatures vary from one species and even cultivar to another. For anyone to be successful growing annual plants, they need to understand what these temperatures are for the specific plant they want to grow; and when, and for how long, such temperatures will be present **where they grow**. This of course is a guess, so a good knowledge of **local** temperatures in the recent past is essential for high probability harvest successes.

Each living things typically have several temperature needs that for plants we want to grow are worth knowing. A specific vegetable may grow best in a certain air temperature range, struggle with pests if it is a bit hotter or colder than that, stop growing at even hotter or colder temperatures, and be damaged or die if it gets too cold or too hot. Plants originating from colder climates typically can withstand temperatures in the 20°-32°F range or colder, but stop growing above 75° or 80°F. Plants originating in the tropics or semitropics typically stop growing below 50°F and die between 28°F and 35°. They often will grow well into the mid-80's or even mid 90's. Most plants do poorly once the temperatures get into the 90's. They use the bulk of their water supplies for cooling (transpiration) and structural integrity rather than growth, and many other functions are stressed.

There may be other important temperatures than growth promoting air temperatures that have hot/cold ranges also. These may make for better or worse pollination, better or worst harvests, and better or worse soil temperature seed germination or tuber development. Some plants typically from temperate regions may need these temperatures when daylight is increasing the first half of the year or decreasing the second, and some may need different temperatures in daytime than at night.

- Tomatoes for example don't pollinate well if daytime temperatures are below 70°F or above 85°F while nights also need to be below 70°F and above 50°F.
- Some more tropical plants like jicama only harvest during short days near the solstice, so freezes may kill them. And some plants like Walla Walla onions need such long days that they will never bulb in our sub-tropics.

For a table of these temperatures for many annual food plants, see ff. 171 of my *Food Gardening for Southeast Texas* (see <http://yearroundgardening.Me> for vendors).

In the past, most planting schedules simple reflected historical climate experience in a particular county. In recent decades, climate has been changing rapidly and many plants’ proper planting times have shifted across our region. As well, because weather data has been digitized and is online, it has become much easier to learn how temperatures vary over a region or even county. Broadly, in our region, urban areas are significantly warmer both winter and summer and night and day than in rural areas the same distance from the Gulf. Compared with areas far from the Gulf, areas near the coast or on Gulf islands are warmer both night and day from late fall to early spring. In summer, they are cooler in the daytime than temperatures far inland, but they are warmer at night. Galveston, for example might go from 80° at night in August to 90° in the day while Huntsville might go from 72° at night to 98° that same day.

***Planting Zones for Southeast Texas 2007-2017***

A survey of static planting schedules by many organizations showed many deficiencies and several were many years out of date. Between 2007 and 2017, I compared temperatures month by month at 26 different National Weather Station (NWS) locations, and from this, I was able to classify for each season of the year, all 26 stations by Vegetable Planting Zones A to G. Using these zones and low temperature averages over three-month seasons, I was able to assign a zone each season to each weather station and then create a planting schedule for 140 food plants based on their temperature needs. Even if the seasonal average low temperatures continue to rise, and the zones change at a particular location, the new schedule below will be usable by growers by just shifting the schedule they use to a warmer zone.

The planting zones are described in the tables below. The numbers below are average **LOW** temperatures in degrees F. Reduced font temperatures represent zones not presently found in the region.

<b>Southeast TX Vegetable Planting Zones</b>	<b>Fall (Sept, Oct, Nov) Ave. Low</b>	<b>Winter (Dec, Jan, Feb) Ave. Low</b>	<b>Spring (Mar, Apr, May) Ave. Low</b>	<b>Summer (June, July, Aug) Ave. Low</b>
Ay	69	52	68	82
A	67	50	66	80
B	65	48	64	78
C	63	46	62	76
D	61	44	60	74
E	59	42	58	72
F	57	40	56	70
G	55	38	54	68

The seasonal low temperature averages for each zone are enough to forecast what will do well and what will do poorly when planted a specific month at a specific place. Of course, most farmers and gardeners will not be living at an NWS weather site, so their zones may be slightly different from the nearest NWS station. One way to know is by regularly comparing 6 am (low) temperatures at the NWS site with those at one’s locations. 2°F up or down for a season probably means a higher or lower zone.

The 2007-2017 zone assignments are as follows.

Southeast Texas Dynamic Planting Schedule \* Last updated Mar 2023 (Format Version Katy Prairie 3.0)

			<b>WINTER ZONES</b>	<b>SPRING ZONES</b>	<b>FALL ZONES</b>	<b>SUMMER ZONES</b>
	<b>Vegetable Planting Zones</b>		<b>Ave. Low</b>	<b>Ave. Low</b>	<b>Ave. Low</b>	<b>Ave. Low</b>
<i>Zones Based on NOAA average (mean) temperatures from Jan 2007-Feb 2017</i>			<b>Dec-Feb</b>	<b>Mar-May</b>	<b>Sep-Nov</b>	<b>Jun-Aug</b>
			A=cool G=cold	A=warm G=cool	A=warm G=cool	A=warm E=less warm
		<b>Cc RAR 2023</b>				
<b>Miles To</b>			↓2°/Zone	↓2°/Zone	↓2°/Zone	↓2°/Zone
<b>Gulf</b>	<b>COUNTY</b>	<b>Weather Station</b>	51° to 38°	65° to 54°	68° to 55°	80° to 71°
0	Galveston	Galveston Is. Area	A	A	A	A
6	Brazoria	Freeport	B	B	B	B
41	Harris	Houston Hobby AP	B	C	C	C
42	Brazoria	Pearland Clover	B	C	C	C
7	Matagorda	Matagorda	C	C	B	B
27	Galveston	League City NWS	C	C	D	C
28	Matagorda	Bay City WW	C	C	D	D
21	Brazoria	Angleton Lake Jackson	C	D	D	D
36	Jefferson	Beaumont City	C	D	D	C
26	Jefferson	Port Arthur Brooks AP	C	D	D	D
48	Harris	Port of Houston	D	C	C	B
49	Harris	Baytown	D	C	D	C
69	Harris	Houston IAH AP	D	D	D	C
57	Ft. Bend	Sugar Land	D	D	D	C
65	Ft. Bend	Thompsons	D	D	E	D
25	Chambers	Anahuac	D	D	E	D
82	Liberty	Liberty	D	D	E	D
84	Harris	Tomball Hooks AP	D	D	E	D
145	Brazos	College Station	E	D	E	C
121	Walker	Huntsville	E	E	E	C
107	Colorado	Columbus	E	E	E	D
46	Wharton	El Campo Danevang	E	E	E	E
124	Washington	Brenham	F	E	F	D
91	Montgomery	Conroe	F	F	F	E
97	Liberty	Cleveland	F	F	G	E
167	Houston	Crockett	G	F	F	D
148	Madison	Madisonville	G	F	G	E
131	Washington	Washington on Brazos	G	G	G	E
140	Burleson	Somerville Dam	G	G	G	E

Once the planting zone temperatures were established, the next formidable task was to assign growing dates to all seven zones and then create a schedule for all zones all months in a form that could be easily used by growers. This has been a challenging ongoing effort at simplification. The schedule below is much easier to use than earlier ones in my vegetable growing classes up until 2018 and in my book in 2019. It does take up many pages, but it covers all zones in (I think) an easy-to-understand way.

### Explanation of Abbreviations for Reading the Vegetable Planting Schedule 2023

The tables below are for planting annual food plants in Southeast Texas gardens and farms. They are listed by month for each seasonal vegetable planting zone A through G (A through E in summer).

Each non-empty cell in the table has lower case letters a, e, m.

“a” means you can plant it **any** day in the month.

“e” means it should be planted **early** in the month (i.e., within a few days of the 1<sup>st</sup> +/-); and

“m” means plant it within a few days of the **middle** of the month.

A vegetable may appear in the table for your zone in several months, so if you would rather plant it next month or an earlier month check those months to see if it is listed for your zone.

#### Table Abbreviations

S= plant **seed** or sprouted seed outside in a garden.

P= plant a **plant**, transplant, cutting, or set in the garden. *Note:* Most winter crops that grow in Zone A will grow in colder zones in a possibly heated walk-in greenhouse or hoop-house. So, if you can control temperatures, plants can be put in the ground in a hoop-house also. In sum, “P” in the schedules is for

(a) planting a grown transplant outside in a garden unprotected or with temporary movable protection.

(b) Or planting a grown transplant in a temperature-controlled greenhouse or hoop-house.

R= plant a **root**, sprouted tuber, clove or other appropriate underground part in garden,

T= start a **transplant** at “good” temperatures inside under lights or in a hoop-house or greenhouse. Most plants can be transplanted including carrots, but unless noted, schedules using “T” (transplants) are for starting common transplants (probably in AC or heat) depending on season.

?= **may work** some seasons depending on weather. ? also indicates that some plants’ temperature needs are uncertain as of this publication date. If something has a ?, prefer other dates, but use them if others are inconvenient and you can accept some risk.

F= plant a sprouted **fruit**.

Combinations indicate options. PS, TS, etc.= Either P or S, T or S, etc. should all work. “TS a” is read as start a transplant inside, in a greenhouse, or plant a seed outside and you can do it all month.

A cell with the following: “T a PS m” would be read “plant a *Transplant* inside or in a greenhouse all month or put a plant or seed in the garden in the middle of the month or do both.

Thanks to Ed Naspinski for helping with Zone F/E planting advice. This schedule format is an evolving document that needs much more collaboration especially outside of winter zone B and spring-summer-fall zones C. If you want to suggest improvements, make a comment on my website <http://yearroundgardening.me> or send me an email and I’ll get back with you.

#### Fall Vegetables Planting Schedule

FALL ZONES: SEPTEMBER	A	B	C	D	E	F	G
Amaranth, Grain	S a	?S a	?S a				
Arugula, Sylvetta	S m	S m	S m	T a	T a	T a	T a
Bean, Pinto	?S e	?S e					
Beet	?T e T m	T m	T m				
Bitter Melon	S a						
Bok Choy	T m	T m	T m	?Tm	?Tm	?Tm	?Tm

Southeast Texas Dynamic Planting Schedule \* Last updated Mar 2023 (Format Version Katy Prairie 3.0)

<b>FALL ZONES: SEPTEMBER</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
Broccoli	T a	T a	T a	?Tm	?Tm	?Tm	
Brussels Sprouts	T e	T e	T e	Ta	Ta	Ta	Ta
Buckwheat	?S a	?S a	?S a	?S a			
Carrot		?S m	?S m	?S m	?S m	?S m	?S m
Cabbage				?T e	?T e	?T e	?T e
Cauliflower	T m	T m	T m	T m	T m	T m	
Celery, Cutting & Stalk					T m	T m	T m
Chard		T m	T m	?Tm	?Tm	?Tm	
Cilantro					T a	T a	T a
Collards	T m						
Cucumber	?SP e	?SP e					
Dill		T m	T m	T m	T m	T m	
Epazote	SP a	SP a	SP a	SP m	SP m	SP m	SP m
Fennel, Florence		T m	T m	T a	T a	T a	T a
Jicama	?S a						
Kale, Curly	T m	T m	T m	T m	T m	T m	T m
Leek	T a	T a	T a	T m	T m	T m	?T m
Mint	P m	P m	?P a	P m	P m	P m	P m
Onion, Bulb, Short Day & Scallions	T m	T m	T m	T m	S m	S m	
Onion, Multiplying	P m						
Oregano, Greek/Italian	?P a	?P a	?P a	?P a	?P a	?P a	?P a
Parsley, Ital. Flat Leaf		T m	T m	T a	T a	T a	T a
Parsnip		T m	T m				
Radish, Daikon & Salad	T m	T m	T m	T m	S a	S a	S a
Romanesco, Hybrid	T a	T a	T m				
Rutabaga		T m	T m				
Sorrel, French	T m						
Tomato, Cherry	P a	P a	P m	?P e			
Turnip					S a	S a	S a

<b>FALL ZONES: OCTOBER</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
Artichoke, Globe	T a	T a	T a				
Arugula, Garden				S m	TS m	TS a	TS a
Arugula, Sylvestra	S a	S a	S a	S a	S a	S a	S a
Bean, Hyacinth	S m	S m	S m				
Bean, Snap/ String	S m	S m	?S m				
Beet	T e PS m	T e PS m	T e PS m	PS m	PS m	PS m	PS m
Bok Choy	T e SP m	T e SP m	T e SP m				
Broccoli			T a	P e	P e	P e	
Buckwheat	S a	S e	S e				

<b>FALL ZONES: OCTOBER</b>	A	B	C	D	E	F	G
Cabbage				P m	P m	?P m	?P m
Carrot	S m	S m	S m	S e	S e	S e	?S e
Cauliflower	T e	T e	T e				
Chard	T e P m	T e P m	T e P m	P e	P e		
Chives, Garlic/Onion	SP a	SP a	SP a	SP a	SP a	SP a	SP a
Cilantro/Coriander				TP m	TP a	TP a	TP a
Celery, Cutting & Stalk					T a	T a	T e
Claytonia, Miners' lettuce	S m	S m	S m	S m	S m	S m	S m
Collards	T e P m	T a	T a	T a	T a	T a	T a
Dill			P m	TSP m	TSP m	T e SP m	
Endive/ Chicory/ Radicchio	ST m						
Fennel, Florence/Bulb			PS m	P e	P e	P e	
Gailan	T m						
Garlic (Plant Cloves)				R e	R e	R e	R e
Horseradish Root	R m						
Kale, Curly	T a PS m	T a PS m	T a PS m				
Kale, Russian	T a PS m	T a PS m	T a PS m	T a PS m	T a PS m	T a PS m	T a PS m
Kohlrabi	T a PS m	T a PS m	T a PS m	TP a	TP a	TP a	?TP a
Leek (plant sets)	P a	P a	P m				
Lemon Balm				PS m	PS m	PS m	PS m
Lettuce	T m	T m	T m	ST m	ST m	ST m	ST m
Mint	P a	P a	P a	P a	P a	P a	P a
Mitsuba	S m	S m	S m	S m	?S m	?S m	?S m
Mizuna / Mustard (in row-covers)	S a	S a	S a				
Mizuna / Mustard				S a	S a	S a	S a
Napa Cabbage (in row covers)	TP m	TP m	TP m				
Napa Cabbage				TSP m	TSP m	TSP m	TSP m
Onion, bulb, Short-day	P m	?P m	?P m	?P m	T e	T e	T e
Onion, Multiplying	P a	P a	P a	P a	P a	P a	P a
Onion, Scallions/Green Onions	P m	?P m	?P m	?P m	STP a	STP a	STP a
Oregano, Greek/Ital	?P a	?P a	?P a	P a	P e	P e	P e
Parsley, Ital. Flat Leaf			TSP m	TPS m	TPS m	TPS m	TPS m
Parsnip			SP m	SP m	SP m	SP m	SP m
Peas, Snap/Snow/English Shell	?S a	?S m	?S m	?S m	?S m	?S m	?S m
Quinoa (for grain)	?T m	?T m	?T m	?STP a	?STP a	?STP e	
Radish, Salad					S a	S a	S a
Romanesco, Hybrid	P m	P m	P m				
Rosemary	P a	P a	P a	P a	P e	P e	P e
Rutabaga	TS m	TS m	TS m	TS m	TS m	TS m	
Salsify	TSP a	TSP a	TSP a	TSP a	TSP a	TSP a	TSP a

<b>FALL ZONES: OCTOBER</b>	A	B	C	D	E	F	G
Scorzonera	TSP a	TSP a	TSP a	TSP a	TSP a	TSP a	TSP a
Shungiku (Tong Ho)	S a	S a	S a	S a			
Sorrel, French	T e PS m	T a	T a	TPS m	TPS m	TPS m	TPS m
Spinach, Sissoo / Brazilian	T a	T a	T a	T a	T a	T a	T a
Strawberry					P m	P m	P m
Tomato, Cherry	P a						
Turnip	S m			?S m	?S m	?S m	?S m

<b>FALL ZONES: NOVEMBER</b>	A	B	C	D	E	F	G
Artichoke, Globe	T a	T a	T a				
Arugula, Sylvestra & Garden	S a	S a	S a	S a	S a	S a	S a
Bean, Broad (Fava)	S m	S m	S m	S m	S m	S m	S m
Beet	SP a	SP a	SP a	SP a			
Broccoli	P e	P e	P e	P m	P m	P m	P m
Cabbage	P e	P e	P e	P e	P e	P e	
Carrot	SP a	SP a	SP a			S e	
Cauliflower	?Pe Pm	?Pe Pm	?Pe Pm				
Celery, Cutting/Stalk	TS m	TS m	TS m	T e	T e	T e	
Celtuce	?SP a	?SP a	?SP a	?SP a	?SP a		
Chard	SP a	SP a	SP a				
Chervil	TS a	TS a	TS a	TS a	TS a		
Chives, Garlic/Onion	SP a	SP a	SP a	SP a	?SP e	?SP e	?SP e
Cilantro/Coriander	PTS a	PTS a	PTS a	PTS a	PTS a	PTS a	PTS a
Collards	P a	P a	P a	P a	P a	P a	P a
Cress, Garden	S a						
Dill	PS a	PS a	TP a	TP a	TP a	TP a	
Endive/ Chicory/Radicchio	PS a	PS a	PS a	PS a	PS a	PS a	PS a
Fennel, Florence/Bulb	PS a	PS a					
Gailan/ Chinese Broccoli	PS a	PS a	PS a	PS a	PS a	PS a	PS a
Garlic (Plant Cloves)	R a	R a	R a				
Horseradish, root	RT a	RT a	RT a	RT a	RT a	RT a	RT a
Kale, Curly	P a	P a	P a	P a	P a	P a	P a
Kale, Siberian	P a	P a	P a	P a	P a	P a	P a
Leek (Plant sets)	P a	P a	P a	P a	P e		
Lemon Balm	SP e	SP e	SP e				
Lentil	S e	S e	S e	?S e	?S e		
Lettuce	TPS a	TPS a	TPS a	TP a	TP a	TP a	?TP a
Mint	?P a	?P a	?P a	?P a	?P a	?P a	?P a
Mitsuba	S a	S a	S a				
Mizuna	S a	S a	S a				

<b>FALL ZONES: NOVEMBER</b>	A	B	C	D	E	F	G
Mustard	S a	S a	S a				
Napa Cabbage in row covers	SP a	SP a	SP a	SP a			
Oats, Red (Experimental)	?S a	?S a	?S a	?S a	?S a	?S a	?S a
Onion, Bulb, Short-day (Plant sets)	P a	P a	P a	P a	P a	P a	?P a
Onion, Multiplying (Plant sets)	P a	P a	P a	P a	P a	?P a	
Onion, Scallion/ Green Onions	TP a	TP a	TP a	TP a	TP a	TP a	?TP a
Parsley, Italian Flat Leaf	SP a	SP e	SP e	SP e	SP a	SP a	?SP a
Parsnip	SP e	SP e	?SP e				
Peas, Shell (English, French)	S a	S a	S m				
Peas, Snow	S a	S a	S m				
Peas, Sugar Snap	S a	S a	S m				
Peppers, Sweet/Chile	T a	T a					
Radish, Salad & Daikon	S a	S a	S a	S a	S a	S a	
Romanesco, Hybrid	P a	P a	P a				
Rosemary	?Pa	?Pa	?Pa				
Rutabaga	SP a	SP a	SP a	SP a	?SP a	?SP a	
Salsify	SP a	SP a	SP a	SP a	SP a	SP a	SP a
Scorzonera	SP a	SP a	SP a	SP a	SP a	SP a	SP a
Sorrel, French	P a	P a	P a				
Strawberry	P e	P e	P e	P e			
Tendergreens	S a	S e	S e	S e			
Tomatillo	T a						
Tomatoes, Late 80-day plus	?T a						
Tomatoes, Cherry, Protected	P a						
Turnip	S a	?S e S m	?S e S m	?S e S m	?S e S m	?S e S m	?S e S m
Wheat, (Experimental)	?S e	?S e	?S e	?S e	?S e	?S e	?S e

**Winter Vegetable Planting Schedule**

<b>WINTER ZONES: DECEMBER</b>	A	B	C	D	E	F	G
Artichoke, Globe	T a						
Arugula, Garden	S a	S a	S a	?S a	?S a	?S a	
Arugula, Sylvetta	S a	S a	S a	S a	S a	?S a	
Beet	T e	T e	T e	T m	T m	T m	T m
Broccoli	T m	T m	T m	T m			
Cabbage	TP a	T e	T e	T e			
Carrot	S a	S a	S a				
Celery, Stalk & Cutting	SP a	SP a	SP a				
Chervil				TS a			
Cilantro	TSP a	TSP a	TSP a	P a	P a	P a	
Dill	?P a	?P a	?P a	P a	P a	P a	



<b>WINTER ZONES: DECEMBER</b>	A	B	C	D	E	F	G
Endive/Chicory/Radicchio				TS e			
Garlic (Plant Cloves)	?R a	?R a	?R a	?R e	Re	Re	Re
Lettuce	PS a	PS a	PS a				
Kale, Curly	?P a	?P a	?P a				
Kale, Russian/Siberian	P a	P a	P a	P a	P a	P a	P a
Kohlrabi	TP a	TP a	TP a	TP a	TP a	TP a	?TP a
Mâche (Corn Salad)	S m	S m	S m	Se	Se		
Mint	?P a	?P a					
Mitsuba	S a	S a	S a				
Mizuna	S a						
Mustard	S a						
Napa Cabbage in row covers	PS a	?PS a					
Onion, Bulb, Short-day (Plant sets)	?P e	?P e	P e ?P m				
Onion, Multiplying	P a	P a	P a				
Onion, Scallion/ Green Onion	TS a	TS a	TS a	TS a	TS a	TS a	?TS a
Peas, Snow	S a	S a	S a				
Peas, Sugar Snap	S a	S a	S a				
Peas, English/French shell	S a	S a	S a				
Peppers, Sweet & Chile	T m	T m	T m	T m	T m	T m	
Radish, Daikon & Salad	S a	S a	S a	S a	?S a	?S a	
Rosemary	?P a	?P a					
Rutabaga	PS a	PS a	PS a				
Sorrel, French	PS a	PS a	PS a				
Spinach, Common European	S a	S a	S a	S a			
Tendergreens	S a						
Tomato, Late 80-day plus	T a	?T a					
Turnip	S a	Se ?S m	Se ?S m				

<b>WINTER ZONES: JANUARY</b>	A	B	C	D	E	F	G
Artichoke, Globe	P a	P m					
Arugula, Garden	S a	S a	S a				
Arugula, Sylvetta	S a	S a	S a	S a	S a	S a	S a
Bok Choy	TPS a				T a	T a	T a
Broccoli	P e				Te P m	Te P m	
Cabbage	P a				Te	Te	
Carrot	S a	S a	S a	?S			
Cauliflower					PT m	PT m	?PT m
Celery, Stalk and Cutting	SP a	SP a	SP a	SP a	P a	P a	
Celtuce	SP a	SP a					
Cilantro	S a	S a	S a				

<b>WINTER ZONES: JANUARY</b>	A	B	C	D	E	F	G
Chard	PS a	PS a	PS a	?PS a	T m	T m	?T m
Chives	?SP a	?SP a					
Cress, Garden	S a	?S e	?S e				
Eggplant	T m	T m	T m	T m	T m	T e	
Endive, Chicory, & Radicchio	ST a	ST a	ST a	ST m			
Fennel, Bulb					T m	T m	?T m
Jicama	ST a	?T e	?T e				
Lettuce, leaf (less than 45 day)	SP a	SP a	SP a	SP m	T a	T a	T a
Lettuce, 45 day or more varieties	SP e	?SP e			T a	T a	T a
Mâche (Corn Salad)	S a	S a	S a	S a	S a		
Mint	?P a	?P a					
Mizuna in row-covers	S a	?S e					
Mustard in row-covers	S a	?S e					
Napa cabbage in row-covers	PS a	?PS e					
Nasturtium	PS a	PS a	PS e				
Onion, Multiplying	P e	P e	P e				
Pea, Sugar Snap/Snow/English shell	S e	S e	S e				
Pepper, Sweet & Chile	?T e	?T e	?T e				
Potato (plant a sprouted tuber)	R a	R m	R m				
Radish, Salad	S a	S a	S a	S a	?S a	?S a	
Radish, Daikon	S a	S a	S a	S a	S a	S a	S m
Rutabaga	TPS a	TPS a	TPS a	TPS m	TPS m	TPS m	TPS m
Sorrel, French	?P a	?P a	?P a	?P m			
Spinach, common European	S a	?S e	?S e	?S e	?S m	?S m	?S m
Tendergreens in row-covers	S a	?S e	?S e				
Tomato	T e	T e	T e	T e	T e	T m	
Turnip in row-covers	S a	S e	S e	S e	S e	S e	S e

<b>WINTER ZONES: FEBRUARY</b>	A	B	C	D	E	F	G
Artichoke, Globe	P a	P e	P e				
Arugula, Garden & Sylvestra	S a	S a	S a	S a	S a	S a	S a
Basil	?T m						
Bean, Adzuki	S a	S a	S m				
Bean, Garbanzo /Chickpea	?S m	?S m	?S m	?S m	?S m		
Bean, Hyacinth/ Lab-Lab	S e	S e	S e	S e	?S m		
Bean, Runner	S e	S e	S e				
Bean, Snap /Green Beans	S a	S m	?S m				
Bean, Yard-long/ Asparagus	S a						
Beet	PS a	PS e	PS e	PS a	PS a	PS a	P m
Bok Choy (in row covers)	PS a	?PS a	?PS a	?PS a	T a	T a	

<b>WINTER ZONES: FEBRUARY</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
Broccoli				Pe	Pm	Pm	
Cabbage	Pa	Pe	Pe	Pe	Pe	Pe	
Cantaloupe	Ta	Ta	Ta	Ta	?Ta	?Ta	?Ta
Carrot	Se	Se	Se	Se	Se	Sm	Sm
Cauliflower				Pe	Pm	Pm	?Pm
Celery, Cutting and Stalk					PSa	PSa	PSa
Celtuce	PSe	PSe	PSe	PSe			
Chard				Pe	Pe	Pa	Pa
Chayote (Plant sprouted fruit)	?Fa						
Cilantro	STa	STa	STa	STa	STa	STa	
Claytonia/ Miners' Lettuce				Sm	Sm	?Sm	?Sm
Corn	?Sm	?Sm	?Sm	?Sm			
Dill	PSe	PSe	?PSe				
Eggplant	Te	Te	Te	Te ?Tm	Te ?Tm	Te ?Tm	Te ?Tm
Endive/ Radicchio/ Chicory				PSa	PSa	PSm	PSm
Epazote	SPm	SPm	SPm				
Fennel, Bulb/Florence	PSe	PSe	PSm				
Jerusalem artichoke/ Sunchoke	Re	Re	Rm				
Jicama	STPa	?STPm	?STPm	?Ta	?Ta	?Ta	
Lentil				?Se	?Se		
Lettuce, leaf				PSa	PSa	PSa	PSa
Mâche/ Corn Salad						Se	Sa
Mint	Pa	Pa	Pa	Pa			
Nasturtium	Pe			Pe			
Oregano, Italian & Greek	?Pa	?Pa	?Pa	?Pa	?Pa	?Pa	?Pa
Papalo (plant winged seed)	Sm	Sm	Sm				
Pea, Snap/Snow/English shell				Sa	Sa	?Se	?Se
Peppers, All (frost protected)	Pa	?Pe Pm	?Pe Pm				Tm
Peppers, All (not frost protected)	?Pm	?Pm	?Pm				Tm
Potato (sprouted tuber)		Re	Re	Re	Rm	?Rm	?Rm
Pumpkin, Moschata species	Tm						
Radish, Salad				Se	Se	?Se	
Sorrel, French	?Pa	?Pa	?Pa	?Pa	?Pa	?Pa	?Pa
Squash, Moschata species	Tm						
Tomatillo	Ta	Ta	Ta	Tm	Tm	Tm	Tm
Tomato, freeze protected	Pa	?Pe Pm	Pm	?Pm	?Pm		
Tomato, unprotected	Pm	Pm	?Pm	?Pm			
Watercress	PSe						
Watermelon	Ta	Ta	Tm				
Yacon (plant daughter tuber)	Rm						

<b>Spring Vegetable Planting Schedule</b>							
<b>SPRING ZONES: MARCH</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
Artichoke, Globe	P e						
Arugula, Garden & Sylvetta	S a	S a	S a	S a	S a	S a	S a
Basil	TPS a	T a TPS m	T a TPS m	TPS m	T m	T m	T m
Bean, Adzuki	S a	S a	S a	S m			
Bean, Edamame	S m	S m	S m	S m			
Bean, Lima/Butterpea	S a	S a	S a	S m	S m	S m	S m
Bean, Snap/Green Beans	S a	S a	S a	S a	?S m	?S m	?S m
Bean, Yard-long (Asparagus)	S a	S m	S m	S m	S m	S m	S m
Beet	SP e	SP e	SP e	SP e	SP e	SP e	SP e
Bittermelon	S a	S m	S m				
Bok Choy in row-covers	P a	P a	P a	P m	P m		
Broccoli						T e	T e
Buckwheat	S m	S m	S m	S m			
Cantaloupe	T e	T e	T e	TPS m	TPS m	?TPS m	
Cauliflower						T e	T e
Chayote (plant spouted fruit)	F a	F a	F a	F m	F m	F m	F m
Cilantro	SP e	SP e	SP e	SP e	SP e	SP e	SP e
Claytonia	S e	S e	S e				
Coriander, Vietnamese	T a	T a	T a				
Corn	?S a	?S e	?Se S m	S m	S m	S m	?S m
Cranberry Hibiscus	SP a	T e	T e	T e	T e	T e	T e
Cucumber	TS m	TS m	TS m	T m	T m	T m	T m
Dill					P e	P e	P e
Eggplant	T e	T e	T e			?P m	
Epazote	S a	S a	S a	S a	S m		
Jerusalem Artichoke	R e	R e	R e	R e	R e	?R m	?R m
Jicama				?PS e			
Kale					P e	P e	P e
Kohlrabi					TP a	TP a	TP a
Lemon Balm				PS m	PS m		
Melons (most kinds)				TP m	?TP m	?PT m	
Mint	P a	P a	P a	P e			
Oregano, all kinds	P a	P a	P a	P a	?P a	?P a	?P a
Papalo (plant winged seed)	S a	S a	S a	S a	S a		
Peanut	S m	S m	S m	S a	Se ?S m		
Peas, Southern	?S a	?S a	?S a	?S a			
Peppers, Sweet & Chile	P a	P a	?P e P m	?P m	?P m	?P m	?P m
Peppers, All (Frost Protected)	P a	P a	P e	P m	P m	P m	P m

<b>SPRING ZONES: MARCH</b>	A	B	C	D	E	F	G
Perilla (Shiso)	TPS a						
Pumpkin, Moschata sp.	SP m	Te ?P m	T m				
Radish, Salad	S a	S a	S a	S a			
Scallions	STP a	STP a	STP a	STP a	STP a	STP a	STP a
Sorghum, Grain	S m	S m	S m				
Spinach, Longevity/Okinawa cutting	Pe	Pe	Pe	Pa	Pa	Pa	Pa
Squash, Moschata species	SP m	Te ?Pm	T m	T m	T m	T m	T m
Squash, Pepo species	?SP m	?SP m	?SP m	TP m	TP m	TP m	TP m
Tomato (protected, 70 days or less)				?P m	?P m	?P m	
Watermelon	SP a	SP a	SP m	T a	T a	T a	?T a
Yacon (plant a daughter tuber)	R m	R m	R m	R m			

<b>SPRING ZONES: APRIL</b>	A	B	C	D	E	F	G
Arugula, Garden & Sylvestra					TS e	TS e	TS e
Basil	PS a	PS a	PS a	PS a	PS a	TPS a	?TPS m
Bean, Edamame	?S a	?S a	?S a	?S a	S a	S a	S a
Bean, Yard-long (Asparagus)	S a	S a	S a	S a	S a	S a	S a
Bean, Lima (Butterpea)				Se	Se	Se	Se
Bittermelon				SP e	SP m	SP m	
Bok Choy (in Row-Covers)						SP a	SP m
Buckwheat				?S a	?S a	?S a	?S a
Cantaloupe	?SP a	?SP a	SP m	SP a	SP a	SP a	SP a
Chayote (plant sprouted fruit)				F a	F a	F a	F a
False Coriander (Recao/ Ngo Gai/ CULANTRO)	?TP a	?TP a	?TP a	?TP a			
Cucumber	TS a	TS a	TS a	TS a			
Eggplant	P m	P m	P m	T a	T a	T a	T a
False Coriander (Recao/ Ngo Gai/ CULANTRO)	?TP a	?TP a	?TP a	?TP a	?TP a	?TP a	?TP a
Galangal (plant sprouted root)	Te	Te	Te	Te	Te	Te	Te
Ginger (plant sprouted root)	Te	Te	Te	Te	Te	Te	Te
Kohlrabi					TP e	TP e	TP e
Lemongrass	Pa	Pa	Pa	P m	P m	P m	P m
Melons				?SP a	?SP a	?SP a	?SP a
Molokhia	TSP a	TSP a	TSP m				
Okra	TSP a	TSP a	TSP m	TSP m	T m ?P m	T m ?P m	T m ?P m
Oregano, all kinds	?P a	?P a	?P a	?P e	Pe	Pe	Pe
Peanuts	S a	S a	Se				
Pea, Pigeon/Tuvar/Gandules	Te PSm	Te PSm	Te PSm	T m			
Peas, Southern	S a	S a	S a	S a			
Radish, Salad	?Se	?Se	?Se	Se	S a	S a	S a

<b>SPRING ZONES: APRIL</b>	A	B	C	D	E	F	G
Roselle/ Sorrel Jamaica/	TSP a	TSP a	TSP m	TSP m			
Scallion/Green Onions					STP a	STP a	STP a
Spinach, Longevity & Okinawa	P a	P a	P a	P a	P m		
Squash, <i>Lagenaria</i>	T a	T a	T a P m	T a P m	T a P m	T a P m	T a
Squash/Pumpkin, Moschata sp	SP e	SP a	SP a	TPS m			
Squash, Summer, Pepo species	SP e	SP e	SP e	TPS e			
Sorghum				S a	S a	S a	S a
Spinach, Sissoo/ Brazilian	P a	P a	P a	P a	P m	P m	P m
Sweet Potato	PT a	PT a	PT a	PT a	PT m		
Tindora/ Ivy Leaf Gourd	P m	P m	P m	P m	P m	P m	P m
Turmeric	T e	T e	T e	T e	T e	T e	T e
Watermelon				SP e	SP e	SP e	?SP m
Yacon (plant daughter tuber)	R a	R a	R a	R a	R a	R m	
Yuca (rooted cutting)	P a	P a	P a	P m	P m	P m	P m

<b>SPRING ZONES: MAY</b>	A	B	C	D	E	F	G
Amaranth, Leaf	SPT a	SPT a	SPT a	SPT a	SPT a	T a ?SP a	T m
Arugula, Sylvetta	?S a	?S a	?S a	?S a	?S a	?S a	?S a
Ash Gourd/ Wax Gourd	PS e	PS e	PS e				
Basil	P a	?P a	?P a	?P a	TP a	TP a	TP a
Bean, Adzuki	?S a	?S a	?S a				
Bean, Mung	S a	S a	S a	S a			
Bean, Yard-long (Asparagus)	S a	S a	S a				
Bittermelon	SP a	SP a	SP a	SP a	SP a	SP a	SP a
Buckwheat	S a	S a	S a	?S a	?S a	?S a	
Cantaloupe						P e	P e
Chaya (plant a cutting)	P a	P a	?P a				
Chayote Fruit				?F e	?F e	?F e	?F e
Coriander, Vietnamese (Culantro)	P m	P a	P a	?P e	?P e	?P e	?P e
Cranberry Hibiscus	SP a	SP a	SP a				
Cucumber	PS a	?PS a	?PS a	?PS a	?PS a	?PS a	?PS a
Cumin	S a	S a	S a	S e	S e		
Eggplant	P e	P e	P e	P e	P e	P m	P m
Epazote	SP a	SP a	SP a	SP a	SP a	SP a	SP a
False Coriander (Recao/ Ngo Gai/ CULANTRO)	TP a	TP a	TP a	TP a	TP a	TP a	TP a
Fuzzy Gourd	PS e	PS e	PS e	PT a	PT a	PT a	PT a
Galangal (plant a sprouted root)	R a	R a	R a	R a	R a	R e	R e
Ginger (plant a sprouted root)	R a	R a	R a	R a	R a	R e	R e
Ground Cherry	PS a	PS a	PS a				
Kangkong/Water Spinach	PS a	PS a	PS a	PS a	PS a		

<b>SPRING ZONES: MAY</b>	A	B	C	D	E	F	G
Kohlrabi					?P a	P a	P a
Lemongrass	P a	P a	P m	P m	P m	P a	P a
Luffa/ Ridge gourd	PS a	PS a	PS a	PS a	PS m		
Malabar Spinach	PS a	PS a	PS a	PS m	PS m	PS m	?PS m
Millet, Proso	S a	S a	S a	S a	S a		
Molokhia (Jute, Egyptian Spinach)	PS a	PS a	PS a				
New Zealand Spinach	PS a	PS m	PS m	PS m	PS m	PS m	
Okra	TPS a	TPS a	TPS a	TPS a	TPS a	TPS a	TPS a
Oregano, Cuban	P a	P a	P a	P m	P m	P m	P m
Peanuts	S a	S a	S a				
Peas, Pigeon/Tuvar/Gandules	PS a	PS a	PS a	?PS a			
Peas, Southern	S a	S a	S a	S a	S a	S a	S a
Perilla (Shiso)	?PS a	?PS a	?PS a	?PS a	?PS a	?PS a	?PS a
Rice	PS e	PS e	PS e				
Roselle (Sorrel Jamaica)	PS m	PS e	PS e	P e	P e	P e	P e
Spinach, Longevity & Okinawa cutting	P e	P e	P e	P a	P a	P a	P a
Squash, Birdhouse gourd/Cucuzi/ <i>Lagenaria</i>	P a	P a	P a	P a	P a	P a	P a
Squash, Pepo (row covered)	TPS a	TPS a	TPS a	TPS a	TPS a	TPS a	TPS a
Snake Gourd, Laotian	S a	S a	S a	S a	S m	S m	
Sorghum, Grain	S a	S a	S a	S a	S a	S a	S a
Spinach, Sissoo /Brazilian	P a	P a	P a	P a	P a	P a	P a
Squash, Moschata				?TPS e	TPS e	TPS e	TPS m
Sunflower for Seed	SP a	SP a	T a ?SP a	T a	T a	T a	T a
Sweet Potato (Plant rooted cuttings)	TP a	TP a	TP a	T e	T m	T m	
Taro Tubers	R a						
Tindora ( Ivy Leaf Gourd)	P a	P a	P a	P e	P e	P e	P e
Turmeric (Plant a Sprouted Root)	R a	R a	R a	R a	R e	R e	R e
Wax Gourd (Ash Gourd, Wintermelon)	PS e	PS e	PS e	PT a	PT a	PT a	PT a
Yacon (Plant a daughter tuber)							R a

**Summer Vegetable Planting Schedule**

<b>SUMMER ZONES: June</b>	A	B	C	D	E
Amaranth, Leaf	PS a	PS a	PS a	PS a	PS a
Arugula, Sylvestra	?S a	?S a	?S a	?S a	?S a
Basil	P a			TP a	TP a
Bean, Mung	?S a	?S a	?S a	S a	S e
Bean, Yard-long (Asparagus)	S a	S a	S a	S a	S a
Bittermelon	S a	S a	S a	S a	S a
Buckwheat Grain	S a	S a	S a		
Buckwheat Flowers	S a	S a	S a	S a	S a

<b>SUMMER ZONES: June</b>	A	B	C	D	E
Chaya (plant a cutting)	?P e	?P e	?P e		
Cranberry Hibiscus	PS a	PS a	PS a	PS a	
Cucumber	?S a	?S a	?S a	?S a	?S a
Cumin	S a	S e	S e		
Eggplant	P e	P e	P e	?P e	?P e
False Coriander (Recao/ Ngo Gai/ CULANTRO)	TP a	TP a	TP a	TP a	TP a
Ground Cherry	S a	S a	S a	S a	
Jicama	?SP a				
Kangkong/Water Spinach	PS a	PS a	PS a	PS a	PS a
Lemongrass	?P a	?P a	?P a	P a	P e
Luffa/ Ridge gourd	PS e	PS e	PS e	PS e	
Malabar Spinach	PS a	PS a	PS a	?PS a	?PS a
Millet, Proso	S a	S a	S a	S a	S e
New Zealand Spinach	PS a	PS a	PS a	PS a	PS a
Okra	TPS a	TPS a	TPS a	TPS a	TPS a
Peas, Pigeon/Tuvar/Gandules	PS a	PS e	PS e	PS e	PS e
Peas, Southern	S a	S a	S a	S a	S a
Perilla/Shiso	?TPS a	?TPS a	?TPS a		
Sesame	PS a	PS a	PS a	PS a	PS a
Snake Gourd, Laotian	S a	S a	S a	S a	S a
Spinach, Sissoo /Brazilian	P a	P a	P a	P a	P a
Sunflower, Flowering & Seeds	S a	S a	S a	S a	S a
Sweet Potato Slips	P a	P a	P a	P a	P e
Taro Tubers	R a	R a	R a	R a	R a
Tindora/ Ivy Leaf Gourd	P a	P a	P a	P a	P a
Tomatillo	TSP a	TSP a	TSP a	TSP a	TSP a
Tomato, 75-day or less					T m

<b>SUMMER ZONES : July</b>	A	B	C	D	E
Amaranth, Leaf	S a	S a	S a	S a	S a
Arugula, Sylvestra	?S a	?S a	?S a		
Basil	PS a			TP a	TP a
Bean, Mung	S a	?S a	?S a		
Bean, Yard-long (Asparagus)	S a	S e	S e	S a	S a
Bittermelon	S a	S a	S a	S a	S a
Buckwheat for Grain	S a	S a	S a		
Buckwheat for Flowers	S a	S a	S a	?S a	?S a
Chayote/ Mirliton (plant fruit)	?F a	F m	F m		
Cranberry Hibiscus	PS a	PS a	PS a	PS a	
Cucumber	?PS a	?PS a	?PS a	?PS a	STP a



<b>SUMMER ZONES : July</b>	A	B	C	D	E
Epazote	PS a	PS a	PS a	PS a	PS a
Kangkong/Water Spinach	PS a	PS a	PS a	PS a	PS e
Lemongrass	?P a				
Malabar Spinach	?PS a	?PS a	?PS a	?PS a	?PS a
New Zealand Spinach	PS a	PS a	PS a		
Okra	TP a	TP a	TP a	TP a	TP a
Peanut	S a				
Peas, Southern	S a	S a	S a	S a	S a
Spinach, Sissoo / Brazilian					
Radish, Salad					S m
Sesame	SP e	SP e	SP e		
Snake Gourd/Snake Bean	PS a	PS a	PS a	PS a	PS a
Squash, Pepo (in row cover)					TSP m
Sunflower	?PS a	?PS a	?PS a		
Sweet Potato Slips	P a	P a	P a	?P a	?P a
Taro Tubers	R a	?R a	?R a	?R a	?R a
Tindora/ Ivy Leaf Gourd	P a	P a	?P e		
Tomato, Cherry				?T a	?T e
Tomato, Cherry (grown in hoop-house)				T a	T a

<b>SUMMER ZONES : August</b>	A	B	C	D	E
Amaranth, Leaf	SP e	SP e			
Arugula, Sylvetta	?S a	?S a	?S a	STP a	STP a
Basil	?P a	?P e	?P e	?P e	?P e
Bean, Snap Bush					?S e
Bean, Wing	S a	?S a	?S a		
Bean, Yard-long (Asparagus)	?S a	?S a	?S a		
Bittermelon		S e	S e		
Brussels Spouts	T m	T m	T m	T m	?T m
Buckwheat Grain or Flowers	S a	S a	S a		
Cilantro					T m
Corn, 60 day	?S a	?S a	?S a		
Cranberry Hibiscus	S a	S a			
Cucumber	?S a	?S a	?P e	?P e	?P e
Dill					T m
Epazote	S a	S a	S a	S a	S a
Kale					T m
Kangkong/Water Spinach	?P a	?P a	?P a		
Leeks	T a	T a	T a	T m	?T m
New Zealand Spinach	PS a	PS a	PS a		

<b>SUMMER ZONES : August</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
Onion, Bulb (Short-day seeds)	T a	T a	T a	T m	?T m
Onion, Multiplying	P m	P m	P m	P m	P m
Oregano, Italian/Greek	?P a	?P a	?P a		
Peas, Snap					?S m
Peas, Southern	S e	S e			
Perilla/Shiso	?PS a	?PS a	?PS e		
Radish, Salad				?S a	S a
Scallion/ Green Onion				?TSP a	TSP a
Snake Gourd, Laotian	PS e	PS e			
Sunflower	?S a	?S a			
Sweet Potato Slips	P a	P a	P a		
Tindora/ Ivy Leaf Gourd	P a	P a			
Tomato, Cherry/ <75 day	T m	T m	T m	P e	P e