

Chapter 10: Vegetables

2018 Secret Master
Gardener Volunteers





Please share with the
group!!







VEGETABLES

...what are they anyway?





..??

Planning the Garden

What?

Where?

When?



Site Selection

Consider:

- Sunlight
- Temperature
- Water
- Protection





SOIL!

Site Preparation



From start...





...to finish!

Crop Selection

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VEGETABLE SEEDS

- Amaranth
- Artichoke & Cardoon
- Asparagus
- Beans
- Beetroot
- Bok Choy
- Broccoli
- Brussels Sprouts
- Cabbage
- Carrots
- Cauliflower
- Celery & Celeriac
- Chicory
- Chinese Cabbage
- Collards
- Corn
- Cowpeas
- Cucumbers
- Eggplant
- Endive & Escarole
- Fennel
- Fruit and Berries
- Garlic
- Gourds
- Grains and Cover Crops
- Greens
- Greens, Oriental
- Ground Cherries
- Kale
- Kohlrabi
- Leeks
- Lettuce
- Live Plants
- Melon
- Okra
- Onions
- Parsnips
- Peanuts
- Peas
- Peppers
- Radicchio
- Radishes
- Rhubarb
- Roselle

Home • Shop by Department • Vegetable Seeds

VEGETABLE SEEDS

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- Roselle
- Rutabagas
- Salad Blends
- Salsify
- Sorghum
- Spinach
- Squash
- Strawberries
- Swiss Chard
- Tomatillo
- Tomatoes
- Turnips
- Watermelon
- Bulk Vegetables
- Slow Food's Ark of Taste
- William Woys Weaver
- The Explorer Series
- Fall Favorites
- Thai Varieties
- New Items 2018

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So many choices!

Seasonality



Starting Your Crops



FROST DATES for Wooster:

average: MAY 8 to OCT 6

9/10: May 25 to Oct 17

How many days frost free?

JULIAN DATE CALENDAR LEAP YEARS													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Day
1	001	032	061	092	122	153	183	214	245	275	306	336	1
2	002	033	062	093	123	154	184	215	246	276	307	337	2
3	003	034	063	094	124	155	185	216	247	277	308	338	3
4	004	035	064	095	125	156	186	217	248	278	309	339	4
5	005	036	065	096	126	157	187	218	249	279	310	340	5
6	006	037	066	097	127	158	188	219	250	280	311	341	6
7	007	038	067	098	128	159	189	220	251	281	312	342	7
8	008	039	068	099	129	160	190	221	252	282	313	343	8
9	009	040	069	100	130	161	191	222	253	283	314	344	9
10	010	041	070	101	131	162	192	223	254	284	315	345	10
11	011	042	071	102	132	163	193	224	255	285	316	346	11
12	012	043	072	103	133	164	194	225	256	286	317	347	12
13	013	044	073	104	134	165	195	226	257	287	318	348	13
14	014	045	074	105	135	166	196	227	258	288	319	349	14
15	015	046	075	106	136	167	197	228	259	289	320	350	15
16	016	047	076	107	137	168	198	229	260	290	321	351	16
17	017	048	077	108	138	169	199	230	261	291	322	352	17
18	018	049	078	109	139	170	200	231	262	292	323	353	18
19	019	050	079	110	140	171	201	232	263	293	324	354	19
20	020	051	080	111	141	172	202	233	264	294	325	355	20
21	021	052	081	112	142	173	203	234	265	295	326	356	21
22	022	053	082	113	143	174	204	235	266	296	327	357	22
23	023	054	083	114	144	175	205	236	267	297	328	358	23
24	024	055	084	115	145	176	206	237	268	298	329	359	24
25	025	056	085	116	146	177	207	238	269	299	330	360	25
26	026	057	086	117	147	178	208	239	270	300	331	361	26
27	027	058	087	118	148	179	209	240	271	301	332	362	27
28	028	059	088	119	149	180	210	241	272	302	333	363	28
29	029	060	089	120	150	181	211	242	273	303	334	364	29
30	030		090	121	151	182	212	243	274	304	335	365	30
31	031		091		152		213	244		305		366	31







Seed Starter Chart by Temperature

min **35°F**

	Best °F	Max °F	#Days
Parsnip	65	85	14
Spinach	70	86	5
Lettuce	75	85	3
Onion	75	95	6

min **50°F**

	Best °F	Max °F	#Days
Asparagus	75	95	10
Tomato	80	95	6
Sweetcorn	95	105	3

min **60°F**

	Best °F	Max °F	#Days
Bean, Snap	80	95	7
Eggplant	85	95	6
Bean, Lima	85	85	6
Pepper	85	95	8
Muskmelon	90	100	4
Cucumber	95	105	3
Okra	95	105	6
Pumpkin	95	100	4
Squash	95	100	4
Watermelon	95	105	4
Chicory	80	-	6

min **40°F**

	Best °F	Max °F	#Days
Celery	70	85	7
Leek	70	90	7
Parsley	75	90	13
Pea	75	85	6
Cabbage	80	100	4
Carrot	80	95	6
Cauliflower	80	100	5
Kohlrabi	80	90	4
Beets	85	95	4
Radish	85	95	4
Swiss Chard	85	95	4
Turnip	85	105	3

min **70°F**

	Best °F	Max °F	#Days
Brussel Sprouts	80	-	4
Endive	80	-	6

min **75°F**

	Best °F	Max °F	#Days
Chinese Cabbage	80	-	4
Kale	80	-	4
Rutabaga	80	-	4
Broccoli	85	90	4

Succession



Rows



Hill



Wide



Raised Beds

Or,

“slouched”



Vertical, Container







VERTICAL FARMING
A SUSTAINABLE APPROACH TO FOOD PRODUCTION
IN URBAN AREAS

Onion
Chives

Sage



Interplanting



Maintenance





Watering



Fertilizing



Sea-Plus Liquid 3-2-2 - 1 Gal.

Seaweed/Fish Fertilizer



Neptune's Harvest 2-4-1 - 1 Gal.

Fish Fertilizer



Neptune's Harvest 2-4-1 - 18 Oz.

Fish Fertilizer



SeaCom-PGR Concentrate 0-4-4 - 8 Oz.

Seaweed Fertilizer



Hozon™ Brass Siphon Mixer



SeaCom-PGR Concentrate 0-4-4 - 32 Oz.

Seaweed Fertilizer



Sea-Plus Liquid 3-2-2 - 16 Oz.

Seaweed/Fish Fertilizer



SeaCom-PGR Concentrate 0-4-4 - 1 Gal.

Seaweed Fertilizer



Neptune's Harvest 2-4-1 - 5 Gal.

Fish Fertilizer

Harvest





**Harvest
regularly**

End Season







Cover Crop



Plant Families

P.166

+Malvaceae

+Lamiaceae



Pest Management







Disease



Weeds



Produce Safety



A few other things to consider...

- seed saving
- pollination
- physical care



THANK YOU!