

### Vegetable Planting Information

Crop	Days to Maturity	Optimum Growing Air Temp.	Soil Temp. For Germ	Min.Seed Germ. %	Days to Seed Germ.	Seed Viability (Years)	Seed Sowing Depth (Inches)	Plant Spacing
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Amaranth A. cruentus	14 baby 70 flower 110 seed	60-90°	68-86°	50-85%	10-21		top	1" apart 18-24" 18-24"
Arugula	25 baby 45 mature	30-90° 55-75°opt	46-82° 66° opt		5-7	4-5	1/8	
Basil	60-80	50°-hot	65-85° 70-80°opt	60-70%	5-14	5	1/8	8"
Beans	50-60	65-85° 80° opt	60-85° 80° opt	75%	6-17	3-4	2	2"
Beet	55-65	45-75° 60-65° opt	50-85° 85° opt	60%	5-7	3-5	1/2-1	1.5"
Broccoli	65-85	60-70°	45-86° 77° opt	75%	5-8	4	1/2	18"
Cabbage	60-130	60-85° 60-70° opt	45-95° 85° opt	75%	5-8	4	1/2	12"
Carrots	60-80	45-75 60-65opt	45-85° 77° opt	55%	7-14	3	1/4	row 18-24" thin to 1-2"
Chard, Swiss	25-55	45-85° 60-70° opt	50-85° 85° opt	60%	5-7	3-5	1/2-1	row 18-24" 4-8"
Chicory	varies	50-70°	65-75°		4-14		1/4-top	
Cilantro	50-55	50-85° 68° opt	55-68°		7-10		1/4	2" thin to 4"
Collards	50-70	33-90°	45-85°	75%	5-8	4	1/2	8-12"
Corn	varies	60-95°	65-95°	75%	3-12	1-3	1 - 1 1/2	8-12"

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		75-95°opt	95° opt					rows 30-36"
Cucumber	varies	65-85° 65-75° opt	65-95° 85-95°opt	75%	4-10	4-5	1/2-1	varies
Eggplant	varies	65-95° 72-86° opt	80-90°	60%	10-14	4	1/4-1/2	18-24"
Garlic Chives	90		cold strat 6-8 wks 64-75°	70%	7-21	2	1/8"	8"
Good King Henry	1 year	30 - 95°	75°	60%	14-21	2?	top	12-18"
Fennel	varies		75°	50-80%	5-15	4	1/4"	18"
Hairy Vetch			59-74°					
Kale	55-70	33-90° 60-70° opt	45-95° 85° opt	75%	5-8	4	1/2	8-12"
Kohlrabi	38-45	cool	45-85° 77° opt			4	1/4-1/2	12-18"
Lettuce	45-80	35-80° 55-70° opt	35-80°	80%	2-14 3-7	2-3	top needs light	12" head
Melon	varies	65-95° 75-95° opt	65-100° 80-95° opt	75%	4-5	4-5	1/2-1	varies
Mustard (Asian green) <i>Brassica rapa</i>	21 baby 40 mature		48-86° 77° opt	varies	4-8		1/4"	15 sds/ft 18" row
Mustard ("Indian") <i>Brassica juncea</i>	20 baby 40 mature	45-75° 65-75° opt	48-86° 77° opt	varies	4-10		1/4"-1/2"	15 sds/ft 18" row
Onion	100-125	40-80° 55-75° opt	50-85° 75° opt	75%	4-13	1-2	1/4-1/2	row 12-18" 3-4"
Peas	52-63	55-70°	41-86° 77° opt		6-17	3	1/2-1	1 - 1 1/2"
Peppers	varies	70-85° day	65-95° 85° opt	55%	6-28	2-4	1/2	18-24"

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Potato	varies	55-70°	50-70°				3-4	10-14"
Radish (spring)	21-32	40-75° 50-65° opt	51-95° 82° opt	75%	3-4	4	1/2"	3/4-1" row 8-9"
Radish (Fr. Bfast)	25	40-80° 50-65° opt	51-95° 82 opt	75%	3-4	4	1/2"	3/4-1" row 8-9"
Radish (winter)	50-60	50-75° 50-65° opt	51-95° 82° opt	75%	3-6	4	1/2"	row 11-12"
Radicchio	60-71	50-60°	65-75°		4-14		1/4-top	8-10"
Spinach	30 leaf 45 plant	40-75° 50-60°	35-75°	60%	5-7	3	1/2	2-3"
Squash, summer	48-58	65-85°	65-100° 80-95° opt	75%	4-10	4-5	1/2-1	1-2'
Squash, winter	88-108	65-85°	65-100° 80-95° opt	75%	4-10	4-5	1/2-1	varies
Tomato	varies	65-85°	70-95° 85° opt	75%	5-14	5-7	1/2	18-24"
Watermelon	varies	70-90°	65-100° 80-95° opt	75%	4-5	4-5	1/2-1	varies

*opt=optimum, T=temperature, n=night, d=day, germ=germination*

Source: *The Book of Garden Secrets*. Dorothy Hinshaw Patent & Diane Bilderback. Firefly Books, 1997.