

Soil Temperature Guidelines For Germination

Vegetable	Min (*F)	Optimum Range (*F)	Optimum (*F)	Max (*F)
Asparagus	50	60-85	75	95
Bean	60	60-85	80	95
Lima Bean	60	65-85	85	85
Beet	40	50-85	85	85
Cabbage	40	45-95	85	100
Carrot	40	45-85	80	95
Cauliflower	40	45-85	80	100
Celery	40	60-70	70	85
Swiss Chard	40	50-85	85	95
Corn	50	60-95	95	105
Cucumber	60	60-95	95	105
Eggplant	60	75-90	85	95
Lettuce	35	40-80	75	85
Muskmelon	60	75-95	90	100
Okra	60	70-95	95	105
Onion	35	50-95	75	95
Parsley	40	50-85	75	90
Parsnip	35	50-70	65	85
Pea	40	40-75	75	85
Pepper	60	65-95	85	95
Pumpkin	60	70-90	90	100
Radish	40	45-90	85	95
Spinach	35	45-75	70	85
Squash	60	70-95	95	100
Tomato	50	70-95	85	95
Turnip	40	60-105	85	105
Watermelon	60	70-95	95	105

Insert a soil thermometer 3-4 inches deep into the soil and note the temperature. Be sure the soil temperature is consistent for several days before seeds are planted.