



Germination temperatures for vegetables and special crops

Crop	Minimum (°C)	Optimum range (°C)	Optimum (°C)	Maximum (°C)
Asparagus	10	15-30	24	35
Aubergine	15	24-32	30	35
Bean (broad)	15	15-30	27	35
Bean (French)	10	15-27	15	30
Bean (runner)	12	18-27	15	30
Beetroot	5	10-30	30	35
Cabbage	5	7-35	30	38
Carrot	5	7-30	27	35
Cauliflower	5	7-30	27	38
Celeriac	15	18-20	20	30
Celery	5	15-21	21	30
Chard (Swiss)	5	10-30	30	35
Courgette	20	25-35	30	40
Corn	10	15-35	35	40
Cucumber	15	15-35	35	40
Kale	5	8-18	8	20
Lettuce	2	5-27	24	30
Mangetout	7	8-20	15	25
Marrow	20	25-35	30	40
Okra	15	21-35	35	40
Onion	2	10-35	24	35
Parsley	5	10-30	24	32
Parsnip	2	10-21	18	30
Pea	5	5-24	24	30
Pepper	15	18-35	30	35
Pumpkin	15	21-32	35	38
Radish	5	7-32	30	35
Spinach	2	7-24	21	30
Squash	15	21-35	35	38
Tomato	10	15-30	30	35
Turnip	5	15-40	30	40

Soil temperatures should be taken by inserting a soil thermometer 3 to 4 inches into the soil.