



OPTIMAL GROWING TEMPERATURES

Crop	Germination Temperature* (°C)	Optimum Day Production Temperature** (°C)	Minimum Night Temperature* (°C)	Approx. No. Weeks to start seeds before Transplant into Field*
Basil	18-22°C	18-22°C	16-18°C	6 or direct
Beans	21-32°C	18-22°C	16-18°C	Direct Sow
Broccoli	21-30°C	18-22°C	5-15°C	3-5
Cabbage	21-30°C	18-22°C	5-15°C	3-5
Cantaloupe	24-32°C	23-29°C	15-21°C	3 or direct sow
Capsicum	30°C	21-23°C	15-18°C	8-10
Celery	21°C	18-22°C	12-15°C	10-12
Cucumber	18-35°C	21-29°C	15-21°C	3 or direct sow
Eggplant	21-30°C	21-23°C	15-18°C	8-10
Lettuce	15-20°C	16-22°C	3-12°C	3-4
Onions	17-27°C	12-23°C	-5°C	8-10
Pumpkins	24-35°C	21-29°C	15-18°C	3 or direct sow
Tomatoes	21-27°C	21-23°C	15-18°C	4-6
Watermelon	27-32°C	23-29°C	15-21°C	3 or direct sow
Zucchini	21-30°C	23-29°C	15-18°C	3 or direct sow

References:

* Maynard D.N. and G.J. Hochmuth. 2007. Knott's Handbook for Vegetable Growers. Fifth Edition

** Johnny's Selected Seeds Growers Library