

Table A-1. Temperature, and Planting Recommendations for Transplant Production

Crop	Optimum Day Temperature (F°)	Minimum Night Temperature (F°)	Weeks to Grow	Square Inch per Plant	Number of Plants per Square Foot	1020 tray size cells
Broccoli	65-70	60	4-7	2-3	48	72
Cabbage	65	60	6-7	2-3	48	72
Cauliflower	65-70	60	6-8	2-3	48	72
Celery	65-70	60	9-12	2-3	48	72
Cucumber¹	70-75	65	2-4	4	36	50 or 72
Eggplant	70-85	65	6-9	4	36	50 or 72
Endive, Escarole	70-75	70	5-7	2	72	72 or 96
Lettuce	60-65	40	4-6	1	144	96 or 128
Melon¹	70-75	65	2-4	4	36	50 or 72
Onion	65-70	60	9-12	0.5-0.65	220-288	288 or 312
Pepper	70-75	60	7-9	2-3	48	72
Summer squash¹	70-75	65	2-4	4	36	50 or 72
Tomato	65-75	60	5-6	2-3	48	72
Watermelon (seeded)¹	70-75	65	3-4	4	36	50 or 72

¹Seed directly in container; do not transplant prior to setting in the field.