

Optimum Temperatures for Different Vegetables

	Optimum T°	Minimum	Maximum	Vegetable
Cool Season	55-75°	45°	85°	Chicory, chive, garlic, leek, onion, shallot
	60-65°	40°	75°	Arugula, beet, broccoli, Brussels sprouts, cabbage, chard, collards, horseradish, kale, kohlrabi, pak choi, radish, spinach, turnip
	60-65°	45°	75°	Artichoke, carrot, cauliflower, celery, Chinese cabbage, coriander/cilantro, endive, lettuce, mustard, parsley, peas, potato
Warm Season	60-70°	50°	80°	Lima bean, snap bean
	60-75°	50°	95°	Sweet corn, black-eyed pea (cowpea), New Zealand spinach, popcorn
	65-75°	50°	90°	Chayote, pumpkin, squash
	65-75°	60°	90°	Cucumber, cantaloupe
	70-75°	65°	80°	Sweet pepper, tomato
	70-85°	65°	95°	Eggplant, Ceylon spinach, chili pepper, okra, roselle, sweet potato, watermelon

Rooting Depths for Different Vegetables

Shallow (12-18")	Moderately deep (18-24")	Deep (>24")
broccoli Brussels sprouts cabbage cauliflower celery Chinese cabbage collards corn endive garlic leek lettuce onion parsley potato radish spinach strawberry	bush & pole beans beet cantaloupe carrot chard cucumber eggplant kale mustard peas peppers summer squash turnip	artichoke asparagus Lima bean okra parsnip pumpkin rhubarb sweet potato tomato watermelon winter squash



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General Planting Guidelines for Cool Season Vegetables in the Foothills

- Artichoke: Nov – March (bare root)
- Carrots: August to Oct., Feb to April
- Beets: Aug/Sept for fall harvest, late Oct. low elevations, Feb/March
- Chives: anytime
- Garlic: Oct/Nov. then Feb/March
- Green onions: Oct. to May
- Lettuces & greens: Sept/Oct to March
- Parsley: Nov. to May
- Potato: August/Sept., Feb to May
- Radish: anytime
- Rhubarb: Dec. to March

Fall/winter planting only:

- Cole crops: August >2000 feet, Sept. <2000 feet
- Onions: Aug. thru Nov.
- Peas: Sept to February
- Spinach: Sept to Jan/Feb.



References

Knott's Handbook for Vegetable Growers. O.A. Lorenz and D. N. Maynard.

Tropical Crops: Dicotyledons. J.W. Purseglove.

Vegetable Crop Irrigation. D. C. Sanders. North Carolina State University. <http://www.ces.ncsu.edu/depts/hort/hil/hil-33-e.html>



Development of this information is funded in part by a grant from WSARE.