

Container Gardening: Recommended Varieties and Spacing

Crop	Minimum Container Volume	Container Depth	Plant Spacing	Recommended Varieties
Beans, bush Beans, pole	2 gall/3 plants 5 gall/2 plants	8-10" 12-16"	6-8" 3-4"	Bush: <i>Snap:</i> Bush Blue Lake, Contender; <i>Shell:</i> Pinto, Red Kidney, Black Bean, Navy; <i>Lima:</i> Fordhook 242, Henderson, Jackson Wonder Pole: Kentucky Wonder, McCaslan, Blue Lake
Broccoli	5 gall/plant	12-18"	12"	Early Green, Calabrese, Waltham, De Cicco, Broccoli Raab
Carrots	5 gall/12 plants	12-18"	2-3"	Danvers, Nantes, Chantenay, Tiny Sweet
Collards	3-5 gall/plant	12-18"	12"	Georgia Southern, Vates, Top Bunch
Corn, sweet	15 gall/3-6 plants	12-16"	4-6"	Trinity, Silver Queen, Sweet Riser, Early Sunglow
Cucumbers	5 gall/plant	12-18"	12-16"	Space Master, MarketMore 76, Straight Eight, Boston Pickling
Eggplant	5 gall/plant	12-18"	18-24"	Black Beauty, Dusky, Long, Florida Market, Ping Tung, Rosita
Kale	3-5 gall/plant	12-18"	12"	Vates Dwarf Blue Curled, Tuscan, Winterbor, Lacinato (Dinosaur)
Lettuce	2 gall/plant	6-8"	4"	Tom Thumb, Ruby, Salad Bowl, Buttercrunch, New Red Fire (grow non-heading types)
Mustards	2 gall/plant	8-10"	2-6"	Florida Broadleaf, Tendergreen, Mizuna
Okra	3-5 gall/plant	12-18"	6-10"	Clemson Spineless, Emerald, Cajun Delight
Onions, bulbing Onions, bunching	2 gall/plant 1 gall/12 plants	12-18" 6-8"	4" 1-2"	Bulbing: Granex (yellow) Bunching: Evergreen, White Lisbon
Peppers	3 gall/plant	12-18"	12"	<i>Sweet:</i> Red Knight, Jimmy Nardello, Aji Dulce, Sweet Banana, Giant Marconi <i>Spicy:</i> Jalapeño, Thai, Hungarian, Habanero, Lon Cayenne
Potatoes	5 gall/3 plants	12-18"	8"	Red Pontiac, Yukon Gold, Gold Rush
Potatoes, sweet	5 gall/plant	18-24"	10-12"	Centennial, Beauregard, Vardaman
Radishes	2 gall/12 plants	6-8"	1-2"	Cherry Belle, White Icicle, Sparkler, Champion, Daikon
Spinach	2 gall/3 plants	4-6"	3-5"	Melody, Bloomsdale Longstanding, Tye, Space
Squash	5-7 gall/plant	18-24"	24-36"	<i>Summer:</i> Early Prolific Straightneck, Summer Crookneck, Black Beauty Zucchini <i>Winter:</i> Spaghetti, Waltham, Table Queen & King, Butternut
Swiss Chard	1 gall/plant	10-12"	4"	Bright Lights, Fordhook Giant, Red Ruby
Tomatoes	5 gall/plant	18-24"	18-24"	Small: Sweet 100, Tiny Tim, Juliet, Sun Gold, Black Cherry, Small Fry Large: <i>Determinate:</i> Early Girl, Patio, Celebrity; <i>Indeterminate:</i> Better Boy, Beefmaster; <i>Heirloom:</i> Cherokee Purple, Mortgage Lifter, Brandywine
Turnips	1 gall/plant	12-18"	2-4"	Purple Top White Globe, Hakurei, Tokinashi
Watermelon	5-7 gall/plant	18-24"	24-36"	Small: Sugar Baby, Mickeylee; Large: Jubilee, Crimson Sweet, Charleston Grey 133



Estimated container diameter to volume conversion (inches to gallons):

- *4" = 0.13 gall*
- *5-6" = 0.25 gall*
- *7-8" = 1 gall*
- *8.5" = 2 gall*
- *10" = 3 gall*
- *12" = 5 gall*
- *14" = 7 gall*
- *16" = 10 gall*
- *18" = 15 gall*
- *24" = 25 gall*
- *30" = 30 gall*