

# 1970 Garden Varieties

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## Useful Garden Information

PLANT IN FIELD	VEGETABLE VARIETIES	SEED IN HOTBED	SEED PER 100 FEET	DISTANCE BETWEEN ROWS	DISTANCE BETWEEN PLANTS	PROBABLE YIELD IN 100 FT. ROW	
<b>HARDY VEGETABLES:</b> Sow seed or transplant hardened plants as early as ground is ready to work well in spring (Average about April 20 for 2/3 of state)	Asparagus		50 plts.	4 ft.	24 in.	75 lbs.	
	Broccoli	Mar. 15	1 pkt.	3 ft.	18 in.	50 lbs.	
	Cabbage (early)	Mar. 15	1 pkt.	3 ft.	18 in.	150 lbs.	
	Cabbage (late)		2 pkts.	3 ft.	18-24 in.	250 lbs.	
	Onions (seed)		1 oz.	1½ ft.	2 in.	2 bu.	
	Onions (transplanting)	Mar. 15	½ oz.	1½ ft.	4 in.	2 bu.	
	*Peas		2 lb.	2 ft.	2 in.	2 bu.	
	Radishes		1 oz.	1½ ft.	1 in.	100 lbs.	
	Rhubarb		25 plts.	5 ft.	4 ft.	2 bu.	
	Rutabaga		½ oz.	2 ft.	6 in.	1½ bu.	
	Spinach		1 oz.	2 ft.	4 in.	50 lbs.	
	<b>HALF-HARDY VEGETABLES:</b> Sow seed or transplant hardened plants a week or two before average date of last killing frost in your area. (Average about May 10 for 2/3 of state)	Beets		1 oz.	2 ft.	2 in.	3 bu.
Carrots			½ oz.	2 ft.	2 in.	2 bu.	
Celery		Mar. 15	1 pkt.	2 ft.	12 in.	175 bunches	
Lettuce (leaf)			¼ oz.	2 ft.	8 in.		
Lettuce (head)		Mar. 15	1 pkt.	2 ft.	15 in.	50 heads	
Parsnips			½ oz.	2 ft.	4 in.	1½ bu.	
Potatoes			12 lbs.	3 ft.	12 in.	3 bu.	
Swiss Chard			½ oz.	2 ft.	6 in.		
<b>TENDER VEGETABLES:</b> Sow seed or transplant plants when soil is warm and after average date or danger of last killing frost in your area. (Average about May 25 for 2/3 of state)		Beans (wax and green)		½ lbs.	2 ft.	4 in.	1½ bu.
		Beans (dry and field)		½ lbs.	2 ft.	4 in.	10 lbs.
	Beans (lima)		1 lb.	2 ft.	4 in.		
	**Cucumbers		½ oz.	5 ft.	1 ft.	200 to 600	
	Egg Plant	Mar. 25	1 pkt.	3 ft.	18 in.	100 fruits	
	**Muskmelons		½ oz.	8 ft.	1 ft.	40-200 fruits	
	Peppers	Mar. 25	1 pkt.	3 ft.	18 in.	200 peppers	
	Popcorn		1 oz.	3 ft.	12 in.	½ bu.	
	Pumpkins		½ oz.	10 ft.	2 ft.		
	Squash (summer)		½ oz.	3 ft.	2 ft.	6 bu.	
	Squash (winter)		½ oz.	10 ft.	2 ft.	6 bu.	
	Sweet Corn		2 oz.	3 ft.	12 in.	130 ears	
	Tomatoes	Apr. 15	1 pkt.	5 ft.	4 ft.	6 bu.	
	**Watermelons		1 oz.	8 ft.	1 ft.	20-100 melons	

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no. 1 \*Plant peas in paired rows 6" - 12" apart with 2 foot aisles between double rows.  
\*\*Vine crops, though commonly planted in hills, would be best grown in rows with plants spaced one to two feet apart.

Although many strains and varieties of garden vegetables may be acceptable, some have consistently performed well under our conditions. Suggested vegetable varieties for North Dakota are listed in order of maturity (number of days required to produce a usable product) for each kind of vegetable. Seasonal weather conditions and growing location can influence the amount of time required to mature a given vegetable. We suggest selection of short season varieties for northern sections of the state. Vegetables starred (\*) suitable for freezing; all varieties acceptable.

VEGETABLE	MATURITY (IN DAYS)	VARIETAL DESCRIPTION AND USE
<b>BEANS (GREEN)*</b>		
Topcrop	49	Pods round, medium green, somewhat curved; use fresh, frozen.
Wade	53	Pods round, dark green, straight; long harvest season. Use fresh or frozen.
Improved Tendergreen	54	More productive than Tendergreen type. Pods set well off the ground.
Royalty	58	Stringless. Purple pod that turns dark green after cooking.
<b>BEANS (WAX)*</b>		
Topnotch Golden Wax	50	Improved Golden Wax, pods thick-flat, golden-yellow, stringless. Use fresh or frozen. Early.
Pencil Pod Black Wax	56	Popular for home freezing. Very productive.
<b>BEANS (POLE)</b>		
Blue Lake	67	Good climber with pod set from base to top of plant. Excellent for freezing.
<b>BEANS (DRY)</b>		
Great Northern	90	Seed long flattened-oval, white, considerably larger than navy beans. Baking or dry shell variety.
Michelite	92	Improved navy bean. Seeds white, small, rounded oval. High yielding. Excellent for baking.
<b>BEANS (LIMA)*</b>		
Henderson Bush for trial	65	Dependable. Very uniform growth. Table or freezing.
<b>BEETS*</b>		
Ruby Queen	52	Beet greens are an excellent source of vitamin A. Round with smooth shoulders and crown. Small tap root.
Detroit Dark Red	58	Globe shaped, skin dark red, flesh deep blood red.
Sweetheart	60	Extra sweet, tender, solid red color, good for pickling.
<b>BROCCOLI*</b>		
Gleason	55	Plant transplants. Use while buds are small and tight; do not allow heads to flower. Hybrid, large, compact central head; vigorous side shoots. Long period of production.
Spartan Early	55	Dark green head, short stem; spring or fall planting.

VEGETABLE	MATURITY (IN DAYS)	VARIETAL DESCRIPTION AND USE
<b>CELERY</b>		
Golden Plume	118	Self-blanching. Stalks golden yellow, stringless. Control leaf hoppers to prevent aster yellows disease.
<b>SWEET CORN*</b>		
Earliking	66	Ears 7" long, 12 row and well filled. Excellent first crop.
North Star	67	Large ears, 12 rows, good quality; use fresh.
Golden Rocket	67	Early market corn. Good quality.
Spring Gold	67	Medium ears, 12-16 rows of small yellow kernels; good tip fill.
Morning Sun	72	Sweet tender kernels, outstanding in maturity class.
Golden Beauty	73	Uniform ears, 6 to 7½ inches long. Does well in short season areas.
Barbecue	75	Slim ears, 12 rows, short plant; good quality. Use fresh or frozen.
Gold Cup	80	Trim, uniform, medium-sized ears; tender, delicious. Few tillers.
Golden Cross Bantam	84	Plant tall, good quality; standard hybrid sweet corn. Fresh or freeze.
<b>CUCUMBERS</b>		
<u>Pickling:</u>		
Spartan Dawn	50	Gynoecious hybrid. Semi-blocky, slightly tapered toward blossom end, dark green, dark spines.
Crusader	52	Gynoecious hybrid. This "all-female" character often results in high yields.
<u>Slicing:</u>		
Burpeeana Hybrid	58	Vigorous, productive. Good quality; white spine.
Spartan Valor	60	Gynoecious hybrid. Dark green, 8-9 inches long. Good producer.
Princess	60	Gynoecious hybrid. Early; good yielder, fruits slim, dark green, quite long. Pick often.
Gemini	61	Gynoecious hybrid. Heavy yielder.
Marketer	66	Dark green, smooth. Good color, long, slim shape and firm flesh.
<b>EGG PLANT</b>		
Burpee Hybrid	75	Fruits cylindrical, dark, glossy. Tall spreading bush.
<b>LETTUCE (BUTTER)</b>		

Altham 29 for trial	75	or fall planting. Dark green heads, compact; plant for fall crop. Fresh or frozen.
<b>BRUSSEL SPROUTS*</b>		Requires aphid control. Plant transplants.
Jade Cross Hybrid	85	Plants tall; sprouts firm, medium size.
<b>CABBAGE</b>		Plant transplants. (Early varieties may be direct seeded.)
Golden Acre YR	63	Round, light green, small (3 lbs.); use fresh cut. Early.
Copenhagen Market	68	Heads 6 inches in diameter, 3-4 pounds; globe-shaped, solid. Early home garden type.
Market Prize	76	Vigorous, uniform hybrid. Blue- green color.
Savoy King	82	Hybrid Savoy. Large, uniform heads, flattened, globe-shaped. Good quality. Split resistant.
Penn State Ballhead	105	Heads deep oval, flattened globe- shape, very solid. Excellent keeper.
<b>CABBAGE (CHINESE)</b>		
Michihli	75	Heads long and cylindrical, crisp, tender. Mild flavor. Used chiefly for salads. Plant seed June 1-10.
<b>CARROTS*</b>		Excellent source of Vitamin A.
Pioneer for trial	67	Hybrid, early, uniform size and type. Roots smooth. Good flavor.
Nantes (Coreless)	68	Narrow cylindrical shape; medium long with slight taper and blunt tip. Crisp and tender.
Red Cored Chantenay	68	Reddish-orange, uniform, tender and sweet. Core about same color as flesh. For storage, freezing and canning.
<b>CAULIFLOWER*</b>		Set out transplants about May 15-20. All must be tied as soon as curd is visible.
White Horse for trial	55	Very uniform with deep mounded firm snow white heads.
Snowball Variety M.	59	Extra vigorous, large smooth white heads, well protected by inner fold leaves. Be certain to choose type M.
<b>SWISS CHARD</b>		
Lucullus.	50	Leaves yellowish green, heavily crumpled with cream colored slender midrib.

<b>LETTUCE (BUTTER- HEAD)</b>		
Summer Bibb	62	Slow bolting; can be grown almost throughout the season.
Buttercrunch	64	Vigorous, very attractive, delicious leaves with tender ribs.
<b>LETTUCE (HEAD)</b>		
Pennlake	72	Head medium to small. Interior crisp and firm. Best variety.
Premier Great Lakes	75	Head uniformly large, early, dark green, slightly ribbed and solid.
<b>LETTUCE (LEAF)</b>		
Black Seeded Simpson	44	Large, upright, compact, leaves light green, broad and frilled. Good quality.
Grand Rapids	45	Popular loose leaf variety capable of continuous growth under adverse conditions.
Slobolt	48	Grand Rapids type. Stands longer than other loose leaf types.
<b>MUSKMELON</b>		Set out 20 day old transplants for early crop. For more earliness and higher yield, use clear plastic mulch.
Minnesota Midget	60	Early, small fruited (4 inch) short vine type.
Wheat City for trial	60	Canadian variety, extremely early. Sets fruit despite adverse weather.
Delicious 51	Seeds 90 Transplants 78	Large oval to round fruits; coarsely netted. Orange flesh; quality good in warm seasons.
Gold Star Hybrid	Seeds 94 Transplants 80	Oval fruit, medium size, heavily netted with firm rind; flesh orange. High quality despite adverse weather.
<b>ONIONS</b>		Direct seed or transplant for larger size.
Early Yellow Globe	98	Medium large, globe to flattened globe, skin tough, light yellow, flesh firm and white.
Ebenezer (sets)	105	Medium size thick-flattened, small neck. Skin yellow, flesh fine textured, mild, very firm.
Epoch (seed)	108	Medium large, deep round in shape, firm flesh and dark yellow skin.
Southport Red Globe	110	Medium large, deep globe shaped, small neck, skin dark glossy red, flesh fine grained.
Southport White Globe	110	Medium size, globe shaped. Skin pure white, flesh ivory-white, fine grained, mild flavor.

<b>PARSNIPS*</b> Improved Hollow Crown	95	10 inches long by 3 inches thick at the shoulder. Vigorous, good quality.
<b>PEAS*</b>		
Little Marvel	62	Plants about 1½ feet tall; productive. 7-8 peas per pod.
Lincoln	66	Large vine, pod 3-3½ inches. 5-7 per pod. Long season harvest.
Wando	70	Large upright vine, peas medium large; good quality.
<b>PEPPERS*</b>		Set out transplants.
Merrimack Wonder	63	Very early. Yields under adverse conditions.
Vinedale	64	Small plants, medium size, tapered; use for early red peppers.
Lincoln Belle	65	Sets good quality fruit during cooler early summer season. Large, blocky, high quality.
<b>POPCORN</b>		May not mature well every season.
Burpee's Peppy Hybrid for trial	90	High yielding hybrid, white kernels, hullless.
Japanese Hullless	95	Good yielder.
<b>PUMPKIN*</b>		
Cheyenne Bush	100	Small, bright orange, flesh solid, deep golden yellow - excellent for pies.
Sugar Pie	108	6-8 lbs., dark orange. Excellent for canning and pie.
<b>RADISHES</b>		
Cherry Belle	24	Globe to round, bright cherry-red; solid and crisp.
Champion	28	Large, remains crisp and firm to fairly large size.
White Icicle	30	Roots 4½ - 5 inches long, smooth, slender, tapering. White skin, mild.
<b>SPINACH</b>		
King of Denmark	45	Leaves medium sized, smooth, long petioles. Withstands heat.
American	52	Leaves glossy, thick, dark green, rounded, heavily savoyed. Slow bolting type.
New Zealand	70	Large spreading plant, produces abundance of edible leaves. Heat and drought tolerant.

<b>SQUASH*</b>		
<u>Summer:</u>		
Early Prolific Straightneck	51	Plants bush, fruits straight, tapered; skin fairly smooth, lemon yellow. Fresh or frozen.
Seneca Butterbar	51	Hybrid, long cylindrical shape. Bush plants. Yellow fruit, productive.
<u>Winter (Storage):</u>		
Gold Nugget	90	Bush type. Fruits small, flattened, medium thick, golden-yellow flesh. Hard orange skin. Bake whole.
Buttercup	100	Large vine - green skin with turban. Excellent quality.
Kindred	100	Short vine, productive. Fruits red-orange; medium size.
<b>TOMATOES</b>		
Early Chatham	55	Small compact plants. Fruits globe shaped, medium size.
New Yorker for trial	59	Early, medium size fruits. Very susceptible to leaf diseases. Keep sprayed with fungicide.
Starfire	65	Early determinate variety - globe shaped fruits.
Sheyenne	66	Medium to large fruits, globular, smooth. Very productive - main crop tomato.
Cavalier	66	Sheyenne (above) is an improved Cavalier.
Firesteel	68	Scarlet, large, smooth flattened to deep globe, firm flesh.
Spring Giant	68	Hybrid, vigorous vines. Large, deep globular fruits.
Moreton Hybrid	72	Plants spreading; fruits medium large. Meaty uniform ripe.
<b>WATERMELON</b>		
New Hampshire Midget	80	Fruits small (3-5 lbs.) oval-round, skin medium green, darker green netting. Fair quality, seedy.
Sugar Baby	88	Ice box variety, oval-round; skin black green with faint darker strips. Very attractive when cut.
F <sub>1</sub> Hybrid Top Yield for trial	90	Vigorous, disease resistant. Oval shaped, light-green skinned, about 20 lbs. Good quality. High yielding and early production when transplanted on clear plastic mulch.