



"New Hampshire Midgets"  
(in half bushel basket.)

# GARDEN VARIETIES for North Dakota

By:

Harry A. Graves

Extension Horticulturist

EXTENSION SERVICE

North Dakota Agricultural College and the United States Department of Agriculture Cooperating. E. J. Haslerud, Director of Extension Service. Distributed in furtherance of the Acts of Congress of May 8 and June 30, 1914.

# Vegetable Varieties to Plant in North Dakota

Preferred Varieties Underscored

ASPARAGUS, Mary Washington  
WAX BEANS, Pencil Pod Black Wax, Topnotch Golden Wax  
GREEN BEANS, Tendergreen, Topcrop, Bountiful  
DRY BEANS, Great Northern, Michelite *small seeds.*  
LIMA BEANS, Early Baby Potato, Triumph  
BEETS, Detroit Dark Red, Ohio Canner  
BROCCOLI, DeCicco  
EARLY CABBAGE, Copenhagen Market, Golden Acre, Extra  
Early Vienna (resistant to splitting)  
LATE CABBAGE, Danish Ballhead  
CARROTS, Nantes, Coreless, Red Cored Chantenay *Late seeding.*  
CELERY, Golden Plume *Utah = crisp - stringless.*  
CUCUMBERS, Chicago Pickling, National Pickling, Straight  
Eight, Burpee Hybrid (slicing)  
EGGPLANT, Black Beauty, New Hampshire for trial  
LEAF LETTUCE, Slobolt, Early Curled Simpson, Grand Rapids  
HEAD LETTUCE, Great Lakes, Pennlake, Premier Great Lakes  
MUSKMELON, Minnesota Midget, Honey Rock (Dakota Strain),  
Lake Champlain  
ONIONS, Early Yellow Globe, Southport Red or White Globe  
TRANSPLANTING ONIONS, Sweet Spanish  
PARSNIPS, Hollow Crown  
EARLY PEAS, Little Marvel, Thomas Laxton  
MEDIUM PEAS, Lincoln, Laxton's Progress  
LATE PEAS, Dwarf Telephone  
PEPPERS, Harris Earliest, King of the North, Pennwonder  
POPCORN, Japanese Hulless  
EXTRA EARLY POTATOES, Red Warba

EARLY POTATOES, Cobbler, Triumph, Pontiac (later)  
PUMPKIN, Omaha, Sugar Pie, Cheyenne Bush  
RADISHES, Saxa, Scarlet Turnip White Tip, Crimson Giant,  
White Icicle.  
RHUBARB, McDonald, Ruby, Canada Red, Sunrise  
RUTABAGA, Improved Purple Top  
SPINACH, New Zealand, King of Denmark  
SQUASH, WINTER, Buttercup, Banquet, Hubbard, Table Queen  
SQUASH, SUMMER, Early Prolific Straightneck, Caserta  
SWEET CORN, EARLY, Earligold, Washington, North Star  
SWEET CORN, MEDIUM, Golden Bantam, Sunshine, Marcross,  
Carmelcross  
SWEET CORN, LATE, Golden Cross Bantam  
SWISS CHARD, Lucullus  
TOMATOES, Early Chatham, Bounty, Victor, Firesteel *most disease resistant*  
WATERMELONS, Dakota, New Hampshire Midget\* (early)

\* All-American award winner for 1951.

Send specimens of diseased plants to the Department of Plant Pathology, N.D.A.C. for identification and recommended control.

Information in this circular was prepared with the assistance of Dr. J. H. Schultz, Chairman, Department of Horticulture, and Wayne J. Colberg, Extension Service Entomologist,

For Planting Information About These Varieties, Turn This

# CONTROL GARDEN PESTS

INSECT	PLANTS ATTACKED	CONTROL *	WHEN TO APPLY
Fleabeetles	Beets, Eggplant, Potatoes, Radishes, Tomatoes, Cucumbers, Muskmelon, Pumpkin, Squash	DDT or Methoxy-chlor	Apply when shot holes appear in leaves.
Other Beetles, including asparagus, bean, cucumber and potato	Asparagus, Beans, Cucumbers, Squash, Potatoes	DDT or Methoxy-chlor	When adults appear on plants.
Leafhoppers	Beets, Carrots, Lettuce, Potatoes, Spinach, Muskmelon	DDT or Methoxy-chlor	When adults appear on plants.
Cutworms	Nearly all garden plants	DDT or Methoxy-chlor	Apply to base of plants
Grasshoppers, Crickets	Nearly all garden plants	chlor-dane or Toxa-phene	When adults appear.
Maggot	Onions, Rutabaga, Radishes	DDT or Chlor-dane	Apply to soil.
Aphids	Cabbage, Cucumbers, Melons, Beans, Peas, Potatoes, Tomatoes, Melons, Lettuce.	Lindane or DDT	Apply when adults become present

\*Note: Insecticides may be applied as dusts or sprays and according to recommendations on container. All treated vegetables must be thoroughly washed before eating unless 10 days have elapsed since treatment. Cucumbers, squash, melons and pumpkins may be injured by insecticides, therefore, only light applications of the above chemicals should be used. Rotenone or pyrethrum can be used safely on this group of plants.

Vegetable Varieties	Seed In Hotbed	Plant In Field	Seed Per 100 Feet	Distance Between Rows	Thin Plants To This	Probable Yield In 100 Ft. Row
Asparagus		<u>HARDY VEGETABLES:</u>	-50 plants	- 4 feet	- 24 inches	- 75 pounds
Broccoli	March 15	Sow seed or trans-	1 packet	- 2 feet	- 18 inches	- 50 pounds
Cabbage (early)	March 15	plant hardened	1 packet	- 2 feet	- 18 inches	- 125 pounds
Cabbage (late)		plants as early as	2 packets	- 2 feet	- 18 inches	- 125 pounds
Onions (seed)		ground is ready to	1 ounce	- 1-1/2 feet	- 2 inches	- 1 bushel
Onions (transplanting)	March 15	work well in	1/2 ounce	- 1-1/2 feet	- 4 inches	- 1 bushel
Peas		spring. (Average a-	1 pound	- 1-1/2 feet	- 1 inch	- 1 bushel
Radishes		bout April 20 for	1 ounce	- 1-1/2 feet	- 1 inch	- 150 pounds
Rhubarb		2/3 of State)	25 plants	- 4 feet	- 4 feet	- 2 bushels
Rutabaga			1/2 ounce	- 1-1/2 feet	- 6 inches	- 1-1/2 bushels
Spinach			1 ounce	- 1-1/2 feet	- 4 inches	- 50 pounds
Beets		<u>HALF-HARDY</u>	1 ounce	- 1-1/2 feet	- 2 inches	- 3 bushels
Carrots		<u>VEGETABLES:</u> Sow	1/2 ounce	- 1-1/2 feet	- 2 inches	- 2 bushels
Celery	March 15	seed or transplant	1 packet	- 2 feet	- 7 inches	- 175 bunches
Lettuce (leaf)		hardened plants a	-1/4 ounce	- 1-1/2 feet	- 8 inches	- - - - -
Lettuce (head)	March 15	week or two before	1 packet	- 1-1/2 feet	- 12 inches	- - - - -
Parsnips		average date of	-1/2 ounce	- 1-1/2 feet	- 4 inches	- 1-1/2 bushels
Potatoes		last killing frost	-12 pounds	- 3 feet	- 12 inches	- 1 bushel
Swiss Chard		in your area. (Average about May 10 for 2/3 of State)	-1/2 ounce	- 1-1/2 feet	- 6 inches	- - - - -
Beans (wax and green)		<u>TENDER VEGETABLES:</u>	-1/2 pound	- 2 feet	- 4 inches	- 1-1/2 bushels
Beans (dry and field)		Sow seed or trans-	1/2 pound	- 2 feet	- 4 inches	- 10 pounds
Beans (lima)		plant plants when	1 pound	- 2 feet	- 4 inches	- - - - -
Cucumbers		soil is warm and	-1/2 ounce	- 5 feet	- Hills 5 feet	- 200 to 400
Eggplant	March 25	after average date	1 packet	- 3 feet	- 18 inches	- 100 fruits
Muskmelons		or danger of last	-1/2 ounce	- 5 feet	- Hills 5 feet	- 40-100 fruits
Peppers	March 25	killing frost in	1 packet	- 2 feet	- 18 inches	- 200 peppers
Popcorn		your area. (Average	1 ounce	- 3 feet	- 12 inches	- 1/2 bushel
Pumpkins		about May 25 for	-1/2 ounce	- 10 feet	- Hills 10 feet	- - - - -
Squash (summer)		two-thirds of	-1/2 ounce	- 5 feet	- Hills 5 feet	- 6 bushels
Squash (winter)		State)	-1/2 ounce	- 10 feet	- Hills 10 feet	- 6 bushels
Sweet Corn			2 ounces	- 3 feet	- 12 inches	- 100 ears
Tomatoes	April 10		1 packet	- 5 feet	- 4 feet	- 3 bushels
Watermelons			1 ounce	- 5 feet	- Hills 5 feet	- 20-50 melons

**Your Home Garden Reduces Food Costs and Builds Family Health**