Part of the fun of growing your own vegetables is choosing from the thousands of cultivars available from seed companies, seed saver exchanges, and fellow gardeners. The listed cultivars have performed well over a wide range of soil and weather conditions in different locations around the state. Maryland Master Gardeners selected many of these cultivars through a written survey. It is not possible to list all of the cultivars of each vegetable crop that would produce a satisfactory harvest in Maryland. Use this list and your past experience as a guide. Check with neighbors and other gardeners in your area to find out which cultivars grow best. Please contact us to let us know if any of your favorite cultivars are missing from this list.

The characteristics of a single cultivar, including yield, flavor and pest resistance may vary somewhat depending on soil type, planting date, weather conditions and gardening techniques. If you have a particularly severe disease problem in your garden, select those cultivars with known resistance. Both open-pollinated and hybrid cultivars are listed (hybrids are followed by a “*”). With certain crops, like broccoli and sweet corn, hybrids tend to be more uniform and vigorous. Hybrid cultivars of all vegetable crops are more likely to have genetic resistance to specific diseases. Conversely, many open-pollinated cultivars have stood the test of time in Maryland gardens and will “come true” when grown from seed saved from the previous crop. Be aware, however, that many insect-pollinated crops, like squash and pumpkin are readily cross-pollinated if more than one cultivar of a single species is grown. In these cases, plants grown next season from saved seed will not come true unless special precautions are taken.

Definitions of terms found in seed catalogs:

**Cultivar** - a cultivated variety of a specific crop. Example: ‘Red Ace’ is a beet cultivar.

**Open-pollinated (non-hybrid)** - the seed saved each year is true to type: seedlings that grow from the saved seeds will be identical, or nearly identical, to the mother plants. Pollination - the movement of pollen from male to female flower parts - occurs naturally by wind and insects.

**Hybrid** - these cultivars result from the controlled cross breeding of two distinct, inbred, open-pollinated cultivars. The seed harvested from this intentional cross will produce an F₁ (first filial) hybrid. Hybrids tend to be vigorous, uniform, and productive, and many have some disease and/or insect resistance. Producing hybrid tomato seed is labor intensive, requiring the emasculation of each flower. This accounts, in part, for the often higher price. Also, hybrid seed is not true to type. This means that seed saved from this year’s crop and planted next year will not be uniform in appearance or identical to the mother plants. Therefore, hybrid seed must be purchased each year.

**Heirloom** - these cultivars are open-pollinated (non-hybrid). Seed saved each year is true to type. Heirloom cultivars persist because their seed is saved and passed down from one generation to the next. They contain valuable germplasm that would be lost without the efforts of individual gardeners, farmers, small seed companies, seed-saving groups, and the USDA. They often have a colorful history and add interest to the garden and dinner table. Heirloom cultivars vary widely in productivity and disease and insect resistance.

**Treated seed** - is coated with a chemical fungicide to prevent injury from soil-dwelling diseases after seeds are planted. The most common crops treated are corn, pea, and bean. The fungicide coating is usually pink or purple.

**Organic seed** - is harvested from crops that are grown and certified according to the USDA National Organic Program (NOP) guidelines. Organic seed must be produced and handled by certified organic producers. The NOP requires organic farmers to plant organic seed unless it is not commercially available. All seed used in organic production must be untreated (no fungicides applied). You can grow vegetables organically at home using non-organic, untreated seeds.
Cultivars are listed in alphabetical order. (* = HYBRID CULTIVAR)

**ARTICHOKE**
- Imperial Star*

**ASPARAGUS**
- Jersey Supreme*, Jersey Knight*, Purple Passion, Jersey Giant*

**BEAN**
- **Bush type-green snap**: Black Valentine, all Bush Blue Lake types, Contender, Dragon Tongue, Derby, Greensleeves, Jade, Provider, Roma II, Romano (Italian flat podded), Royal Burgundy, Spectacular, Tenderpod, Tenderette, Topcrop

- **Pole type**: Kentucky Blue, Kentucky Wonder, Pole Romano, Rattlesnake, Trionfo Violetto

- **Filet/flageolet type**: Maxibel, Tavera

- **Half-runner type**: White Half-Runner

- **Bush type-wax**: Cherokee Wax, Goldcrop, Goldfinger, Goldrush, Major, Nugget, Rocdor, Yellow Wax

- **Bush lima**: Burpee’s Improved, Dixie Butter Pea, Fordhook 242, Henderson Bush

- **Pole lima**: Dr. Martin, King of the Garden, Prizetaker, Sieva

**BEET**
- Bull’s Blood, Chiogga, Cylindra, Detroit Dark Red, Early Wonder, Red Ace*, Red Ball*, Ruby Queen

- **Winter storage**: Lutz Winterkeeper

- **For greens**: Crosby Green Top, Early Wonder Tall Top, Lutz Green Leaf

**BROCCOLI**

**BROCCOLI RAAB**
- Even’ Star American Rapa, Spring Raab

**BRUSSELS SPROUT**
- Diablo*, Jade Cross E*, Long Island Improved, Prince Marvel*
**CABBAGE**

Copenhagen, Danish Ballhead, Dynamo*, Early Flat Dutch, Early Jersey Wakefield, Golden Acre (spring crop), Market Prize*, Krautman, Savoy Express*, Savoy King*, Stonehead*

*Red*: Meteor, Red Ace, Red Danish Ballhead, Red Rock, Red Verona, Ruby Ball*

*Chinese*: Jade Pagoda*, Joi Choi*, Me Qing Choi*

**CARROT**

Atomic Red, all Chantenay types, all Danvers types, Imperator, Lindoro*, Little Finger, Minicor, Mokum*, all Nantes types, Napoli*, Purple Haze*, Short n Sweet, Sweet Treat*, Thumbelina

**CAULIFLOWER**

Early Hybrid, all Snow Ball types, Snow Crown*, Violet Queen*

**CELERY**

Florida 683, all Utah 52-70 strains

**CHARD, SWISS**

5 Color Silverbeet (aka Rainbow, Bright Lights), Fordhook, Golden, Lucullus, Rhubarb, Ruby Red

**COLLARD**

Blue Max*, Champion, Even’ Star Champion, Georgia Southern, Morris Heading, Top Bunch*, Vates

**CORN, SWEET**


*Bi-color*: Ambrosia*, Bi Queen*, Butter and Sugar*, Harmony*, Honey & Cream*, Park’s Honey & Pearl*, Peaches N Cream*, Sweet Sue*

**CUCUMBER**

*Slicing*: Fanfare*, Marketmore 76, Poinsett 76, Slicemaster*, Straight Eight, Sweet Burpless*, Sweet Slice*, Sweet Success*, Tendergreen Burpless

*Pickling*: Bush Pickle, Calypso*, County Fair*, Lemon, National Pickling

*Asian/European*: Carmen*, Palace King*, Suyo Long
### EGGPLANT
*Asian type: Bride, Machiaw*, Millionare, Oriental Charm*, Ping Tung Long*

### ENDIVE
Batavian, Green Curled

### GARLIC
*Hard-necked (rocambole): all cultivars*

*Soft-necked: all cultivars*

### KALE
Dwarf Scotch, Dwarf Siberian, Lacinato, Redbor*, Red Russian, Winterbor*, Vates Types

### KOHLRABI
Early White Vienna, Grand Duke*, Kolibri*, Purple Vienna

### LEEKS
American Flag, Broad London, Titan

### LETTUCE
*Crisphead: all cultivars- Iceberg, Ithaca, Little Gem*

*Butterhead: all cultivars- Bibb (Limestone), Boston, Buttercrunch, Tiny Tim, Tom Thumb*

*Romaine/Cos: Cimarron, Cocarde, Forellenschluss, Little Caesar, Parris Island Cos, Rosalita*

*Leaf: all cultivars- Black Seeded Simpson, Cracoviensis, Deer Tongue, Grand Rapids, Great Lakes, Green Ice, Lollo Rossa, Merlot, New Red Fire, Oak Leaf (green and red), Red Sails, Redina, Ruby, Salad Bowl, Summertime, Tango, Vulcan*

### MUSKMELON
Ambrosia*, Burpee Hybrid*, Crème de La Crème*, Gold Star*, Jenny Lind, Superstar*, Sweet and Early*

*Honeydew: Earlidew*, Marygold, Venus*

*Other melons: Crenshaw*

### MUSTARD
Green Wave, Osaka Purple, Red Giant, Southern Giant Curled, Tendergreen
### OKRA
Annie Oakley II*, Burgundy, Cajun Delight*, Clemson Spineless, Dwarf Green Pod, Emerald, Star of David

### ONION
*From seed/plants:* Ailsa Craig, Candy*, Ebenezer, Cipollini, Golden Globe, Italian Red Bottle, Kelsae Sweet Giant, Longkeeper, Walla Walla, White Lisbon, White Sweet Spanish, Yellow Globe

### PARSNIP
All-American, Hollow Crown, Harris Model

### PEA
*Garden:* Alaska, Frosty, Green Arrow, Knight, Laxton’s Progress*, Lincoln, Little Marvel, Maestro, Novella II, Patriot, Sparkle, Wando

*Edible-podded:* Dwarf Gray Sugar, Melting Sugar Mammoth, Oregon Sugar Pod types, Sugar Ann, Sugar Snap

### PEPPER
**Sweet (red):** Ace*, Banana, Bell Boy*, Big Bertha*, Big Dipper, Cal Wonder, Emerald Giant, Jupiter*, Keystone Resistant Giant, Mohawk*, Park’s Whopper*, Redskin (container)*, Yolo Wonder

**Sweet (yellow/orange):** Sweet Golden Giant*, Valencia*

**Italian frying:** Carmen*, Corno di Toro, Cubanelle, Gypsy*, Marconi

**Very pungent chiles:** Ghost, Habanero, Jalapeno, Red Cayenne, Scotch Bonnet, Serrano, Serrano del Sol*, Super Cayenne*, Thai Dragon*

**Less pungent chiles:** Ancho (poblano), Ancho 101, Holy Mole*, Hungarian Yellow Wax, Jalapeno M, Mexibelle* (bell type), Mulato, Pasilla Bajio

**Annaheim/Numex types:** Anaheim, Big Chile*, Big Jim, Super Chili*

### POTATO
Blue, Butte, Caribe, Gold Rush, Irish Cobbler, Katahdin, Kennebec, Norgold Russett, Red Bison, Red Norland, Red Pontiac, Rose Gold, Yellow Finn, Yukon Gold

### PUMPKIN
**Giant:** Big Max, Dill’s Atlantic Giant

**Jack-o-lantern:** Connecticut Field, Howden, Lumina, Spookie, Triple Treat

**Pie:** Baby Bear, Small Sugar, Sugar Pie, Triple Treat

**Ornamental:** Jack-Be-Little
**RADISH**
Champion, Cherry Belle, Crimson Giant, Easter Egg, French Breakfast, Salad Rose, Scarlet Globe, White Icicle

*Asian/daikon:* April Cross*, Daikon, Miyashige

**RHUBARB**
Valentine, Victoria

**RUTABAGA**
American Purple Top, Laurentian

**SOUTHERN PEA**
Brown Crowder, California Blackeye #5, Mississippi Silver, Purple Hull, Queen Anne

**SPINACH**
America, Bloomsdale Long Standing, Melody*, Space*, Tyee*

*Other:* Malabar Spinach, New Zealand Summer, Perpetual Spinach (a beet subspecies)

**SQUASH**
*Zucchini:* Black Beauty, Burpee Hybrid*, Cocozei, Costata Romanesco, Pic N Pic*, Roly Poly*, Zucchini Elite*

*Summer yellow:* Dixie*, Early Prolific Straight Neck, Goldbar*, Multipik*, Seneca Prolific*, Sundance*, Yellow Crookneck

*Winter:* all Buttercup types, Carnival*, Delicata (Sweet Potato), North Georgia Candy Roaster, Sweet Dumpling, Table Ace* (acorn) Lakota, Table Queen (acorn), Tahitian Melon Squash, Waltham Butternut

*Other:* Patty Pan (scalloped), Peter Pan* (scalloped), Spaghetti, Sunburst* (scalloped), Tivoli* (spaghetti), White Bush Scallop

**SWEET POTATO**
Centennial, Georgia Jet, Jewel, Porto Rico, Vardaman
TOMATO


Pink/purple: Brandywine, Cherokee Purple, German Johnson, Giant Belgian, Pruden’s Purple

Yellow: Banana Legs, Golden Boy, Green Zebra, Kellogg’s Breakfast, Lemon Boy

Bi- or tri-colored: Big Rainbow, Georgia Streak, Mammoth German Gold, Pineapple, Striped German

Paste: Amish Paste, Roma, San Marzano, San Remo, Super Italian, Viva Italia*

Cherry: Gardener’s Delight, Sweet Chelsea, Sun Cherry, Sun Gold*, Sweet 100*, Sweet Million*

Grape/Pear: Golden Sweet*, Juliet*, Red Candy, Red Pear, Santa*, Solid Gold, Smarty*, Yellow Pear

TURNIP

Roots and greens: Purple Top White Globe, Seven Top, Tokyo Cross*

Greens: All Top Hybrid*, Shogoin

WATERMELON

Crimson Sweet, Jubilee, Moon and Stars, Strawberry, Sugar Baby, Yellow Doll*

Cultivars for Container Gardening (See HG 600)

Any cultivar of the following crops:
Leaf lettuce, spinach, kale, mesclun mix, radish, mustard greens, leafy Asian vegetables, herbs, Swiss chard, turnip greens, pepper

BEAN

Filet/flageolet type: Masai, Maxibel, Tavera, Blue Lake bush
Pole type: Kentucky Blue, Kentucky Wonder, Pole Romano

CARROT

Little Finger, Napoli*, Short n Sweet, Thumbelina

CUCUMBER


EGGPLANT

**LETTUCE**
Mini head lettuce – Aruba, Baby Oakleaf, Tiny Tim, Tom Thumb

**ONION**
Evergreen Bunching, Crystal Wax

**PEPPER**
*Sweet (red): Redskin*

**SQUASH**
*Summer: Geode*, Goldbar*, Gold Rush, Roly Poly*
*Winter: Bush Delicata, Bush Acorn*

**TOMATO** (any cultivars described as “patio”, or “hanging basket”. Cherry tomato fruits are small but the plants may get very large depending on the cultivar).
Celebrity*, Patio*, Pixie*, Sweet Chelsea*, Tiny Tim, Totem*, Tumbling Tom* (red or yellow)

**VEGETABLE SEED COMPANIES**
This is a partial list of mail order vegetable seed companies. Whenever possible, patronize local garden centers and local retail stores to buy seeds. *Mention of specific companies is not intended as an endorsement by the University of Maryland.*

**Bountiful Gardens**
18001 Shafer Ranch Rd
Willits CA 95490
Phone: (707) 459-6410
Fax: (707) 459-1925
www.bountifulgardens.org
Organic open pollinated seeds; rare and heirloom vegetables

**W. Atlee Burpee**
300 Park Ave.
Warminster, PA 18974
(800)888-1447
FAX (800) 487-5530
Info. (800) 333-5808
www.burpee.com
Wide selection of vegetables, flower, and herb seeds

**The Cook’s Garden**
PO Box C5030
Warminster, PA 18974
Phone: (800) 457-9703
www.cooksgarden.com
Heirloom and unusual vegetables

**FEDCO**
P.O. Box 520
Waterville, ME
Phone: (207) 873-7333
www.fedcoseeds.com
A cooperative with good prices and large selection

**Filaree Farm**
182 Conconully Highway
Okanogan, Washington 98840
Phone: (509) 422-6940
www.filareefarm.com
Over 100 unique strains of seed garlic

**Harris Seeds**
355 Paul Road
P.O. Box 24966
Rochester, NY 14624-0966
Phone: (800) 544-7938
Fax: (877) 892-9197
www.harrisseeds.com
Supplier of high quality flower and vegetable seeds
Henry Field's Seed & Nursery Co.
P.O. Box 397
Aurora, IN 47001-0397
Phone: (513) 354-1494
Fax: (513) 354-1496
www.henryfields.com

Johnny’s Selected Seeds
955 Benton Avenue
Winslow, Maine 04901
Phone: (877) 564-6697
Fax: (800) 738-6314
www.johnnysseeds.com
Informative catalog, many varieties of vegetable and flower seeds

Kitazawa Seed Company
PO Box 13220
Oakland, CA  94661-3220
Phone: (510) 595-1188
Fax: (510) 595-1860
www.kitazawaseed.com
Asian vegetable seeds

Landis Valley Museum Heirloom Seed Project
2451 Kissel Hill Road
Lancaster, PA 17601
Phone: (717) 569-0401
Fax: (717) 560-2147
www.landisvalleymuseum.org/seeds.php
Pennsylvania-Dutch heirloom vegetable, herb and flower seed

D. Landreth Seed Company
60 East High Street, Bldg #4
New Freedom, PA 17349
Phone (800) 654-2407
www.landrethseeds.com
“America’s Oldest Seed House”
Offers 18th and 19th century flower and vegetable varieties

Meyer Seed Company of Baltimore
600 S Caroline St
Baltimore, MD  21231-2813
Phone: (410) 342-4224
No Web address; call for a catalog
Popular varieties of flowers, vegetables, turfgrass, and cover crops.

Nichols Garden Nursery
1190 Old Salem Road NE
Albany, Oregon 97321-4580
Phone: (800) 422-3985.
Fax: (800) 231-5306.
www.nicholsgarden nursery.com
Broad selection of “ethnic” and unusual herbs, vegetables and flowers

Park Seed Co.
1 Parkton Ave
Greenwood, SC 29647
Phone: (800) 213-0076
Fax: (800) 275-9941
www.parkseed.com
Hundreds of vegetable and flower varieties

Pinetree Garden Seeds
P.O. Box 300
New Gloucester, ME. 04260
Phone: (207) 926-3400
www.superseeds.com
Small, inexpensive seed packets

Seed Savers Exchange
3094 North Winn Rd,
Decorah, Iowa 52101
Phone: (563) 382-5990
Fax: (563) 382-6511
www.seed savers.org
Seed Savers Exchange - a non-profit organization dedicated to the preservation of heirloom seeds

Seeds from Italy
P.O. Box 149
Winchester, MA  01890
Phone: (781) 721-5904
http://growitalian.com
Vegetable cultivars imported from Italy

Southern Exposure Seed Exchange
P.O. Box 460
Mineral, VA 23117
Phone: (540) 894-9480
Fax: (540) 894-9481
www.southernexchange.com
Specialize in heirloom cultivars for the mid-Atlantic and mid-South
Stokes Seeds
PO Box 548
Buffalo, New York 14240-0548
Phone: (800) 396-9238
Fax: (888) 834-3334
www.stokeseeds.com
Huge selection of vegetable and flower seeds

Territorial Seed Co.
PO Box 158
Cottage Grove, OR 97424
Phone: (800) 626-0866
www.territorialseeds.com

Thompson & Morgan
220 Faraday Ave.
Jackson, NJ 08527-5073
Phone: (800) 274-7333
www.tmseeds.com

Vermont Bean Seed Co.
334 W. Stroud St.
Randolph, WI  53956
Phone: (800) 349-1071
www.vermontbean.com
Over 90 bean varieties and other unusual and heirloom vegetables

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Mention of individual businesses does not constitute an endorsement by the Maryland Cooperative Extension, University of Maryland.

HAVE A GARDENING QUESTION???
Visit us at http://extension.umd.edu/hgic
and click Ask Maryland’s Garden Experts.