



J&L Garden Center

The All Season Gift
and Garden Center

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Non-Hybrid, Open Pollinated & Heirloom Seed Varieties

Definitions

Heirloom - must be 'open-pollinated'. They are genetically diverse varieties that have been grown for at least 50 years. They are non-hybrid varieties, and the seeds can be collected and replanted. Most heirloom varieties are not used in modern 'large-scale' agriculture.

Open pollinated (non-Hybrid) - Pollination occurs by insects, birds, wind, or other natural mechanisms. The variety will grow 'true-to-type', which means the seeds will produce plants identical to the parent plant, year after year.

When harvesting seed, if the best 2/3 of the crop is used for seed, the variety will hold its qualities. If only the best 1/2, or less, of the crop is used for seed, the variety will improve.

Varieties that have been cultivated less than 50 years are not considered heirloom.

F1 Hybrids - These varieties are the results of controlled, specially pollination procedures. Generally, two open pollinated varieties are planted side by side, ensuring that every seed will receive pollen from one variety (father) and grown on a distinctively different variety (mother). Each seed is genetically identical. The plant is different than both parents, and has distinctive characteristics from one or both of the parents. Hand pollination, isolation, or physical barriers are often used in the pollination process.

F1 hybrids usually have better qualities, better flavor, higher yields or in some way have better traits than traditional, open pollinated varieties. Seeds from the F1 Hybrids may be sterile.

F2 Hybrids - The seed from the F1 hybrid plants are called F2 Hybrids. The seed will not be identical to the parents, and, the seed will not always produce desirable results. The results from the seed will be random, and you will not know until harvest what the results will be; worse, same or better.

Genetically Engineered - The DNA of the plant has been changed. Through laboratory means, one plant's genetics are implanted into another plant, where it would never have occurred naturally.

If you grow open-pollinated varieties that you like, you can save the best seed and replant it the next year. *If you grow a hybrid variety that you like*, you must go back to the seed source and purchase new seed to plant the next year.

Common 'Non-Hybrid' Vegetable Seeds

Beans

Black Valentine
Blue Lake Pole
Blue Lake Bush
Commodore
Edamame
Fordhook Lima
Golden Wax
Kentucky Wonder
Pencil Pod
Provider
Romano
Royal Burgundy
Scarlet Runner
Tendergreen
Top Crop
Windsor Fava

Beets

Bull's Blood
Chioggia
Cylindra
Detroit Dark Red
Early Wonder
Ruby Queen

Carrots

Chantenay Royal
Danvers Half Long
Little Finger
Nantes Scarlet

Broccoli

Waltham #29 Broccoli

Brussel Sprouts

Long Island Brussel Sprouts

Cabbage

Copenhagen Cabbage
Danish Ball Head Cabbage
Golden Ace Cabbage

Cauliflower

Early Snowball Cauliflower

Utah Celery

Corn

Golden Cross Bantam
South American Popcorn
Strawberry Corn

Cucumbers

Armeniam
Boston Pickling
Homemade Pickles
Lemon
Marketmore #76
Poinsett #76
Straight Eight

Eggplant

Black Beauty

Herbs

Anise
Basil, Cinnamon
Basil, Genovese
Basil, Lemon
Basil, Spicy Globe

Basil, Sweet
Borage
Caraway
Chamomile
Chervil
Chives
Garlic Chives
Comfrey
Coriander/Cilantro
Cumin
Dill
Fennel
Horehound
Lavender, English
Catnip, Lemon
Marjoram, sweet
Oregano
Parsley, Curled
Parsley, Italian
Mint
Rosemary
Sage
Savory
Sorrel, French
Tansy
Thyme

Kohlrabi

Early Purple Vienna Kohlrabi
Early White Vienna Kohlrabi

Leeks

American Flag

Lettuce & Salad Greens

Black Seeded Simpson
Buttercrunch
Great Lakes
Iceberg
Oak Leaf
Paris White
Prizehead
Salad Bowl
Tom Thumb
Arugula
Mesclum Mix
Endive
Corn Salad (Mache)

Melons

Casaba
Crenshaw
Hearts of Gold Canteloupe
Minnesota Midget Canteloupe
Hale's Best Canteloupe

Onion

Tokyo Long White Bunching
Red Burgundy
Walla Walla
White Sweet Spanish
Yellow Sweet Spanish

Pak Choi

Parsnips

Hollow Crown
All American

Peas

Early Frosty
Green Arrow
Laxton Progress #9
Little Marvel
Sugar Ann
Sugar Sprint
Dwarf, Gray Sugar
Oregon Sugar Pod

Peppers, Hot

Anaheim
Fresno Chili
Habanero
Jalapeno
Long Red Cayenne
Serrano

Peppers, Sweet

California Wonder
Sunbright
Sweet Banana

Pumpkins

Big Max
Casper
Dill's Atlantic Giant
Jack Be Little
New England Pie

Radish

Cherry Belle
Crimson Giant
Easter Egg
French Breakfast
Hailstone
Japanese Minowase
Plum Purple
Watermelon
White Icicle

Rutabaga

American Purple Top

Spinach

Bloomsdale
New Zealand

Summer Squash

Black Beauty
Black
Early Prolific Straightneck
Golden Scallop
White Patty Pan
Yellow Crookneck

Winter Squash

Blue Hubbard
Buttercup
Butternut
Spaghetti
Table Queen
Turks Turbin

Swiss Chard

Fordhook Giant
Lucullus
Rhubarb
Ruby Red

Tomatoes

Ace
Amana Orange
Beefsteak
Bonny Best
Brandywine, Pink Delicious
Brandywine, Red
Jubilee
Large Red Cherry
Longkeeper
Marglobe
Red Pear
Rutgers
San Marzano
Yellow Pear

Turnips

Purple Top White
Seven Top
Shogoin

Watermelon

Sugar Baby
Charleston Gray
Klondike Blue
Crimson Sweet