

Plant Families

Generally, plants of the same *family* have similar methods to save and store seeds. Here are some examples of plant families and the many species they contain:

- **Apiaceae** (*formerly Umbellifera*)- Carrot Family
 - Carrots, Celery, Cilantro, Dill, Water Hemlock
- **Solanaceae** - Nightshade Family
 - Tomatoes, Potatoes, Tomatillos, Eggplants, Tobacco
- **Brassicaceae** (*formerly Cruciferae*) - Cabbage Family
 - Cabbage, Kale, Broccoli, Collard Greens, Radish, Bok Choy, Mustard Greens
- **Liliaceae**- Perennial Herb Family
 - Garlic, Asparagus, Onions, Leeks, Shallots, Aloe Vera
- **Rosaceae**- Rose Family
 - Strawberries, Pears, Apples, Plums, Chokecherries, Nectarines, Almonds
- **Cucurbitaceae**- Gourd or Squash Family
 - Summer and Winter Squash, Melons, Cucumbers, Watermelons
 - The Cucurbit family contains 6 species. You can grow out squash from different species at the same time with little chance of them cross-pollinating
 - C. Pepo: acorn, some pumpkins, delicata, spaghetti, crookneck, summer squash (yellow crookneck, zucchini), gourds
 - C. Moschata: butternut, some cushaw (orange), Long Island Cheese, Seminole Pumpkin
 - C. Maxima: hubbard, kabocha, buttercup, turban, candy roaster, Nanticoke Squash
 - C. Mixta aka Argyrosperma: some cushaws (striped)
 - C. Sativus (aka Cucumis): cucumbers
 - C. Melo: melons, cantaloupe, honeydew
- **Lamiaceae**- Mint Family
 - Basil, Hyssop, Lavender, Rosemary, White Horehound
- **Poaceae**- Grass Family
 - Corn, Oats, Rye, Millet, Rice, Wheat, Barley, Bamboo
- **Chenopodiceae**- Goosefoot Family
 - Swiss Chard, Beets, Spinach, Lamb's Quarters, Epazote
- **Asteraceae**- Daisy Family
 - Lettuce, Artichokes, Chicory, Dandelions, Tarragon, Daisy, Sunflowers

Remember: Plants from different species are very unlikely to cross, but different varieties from the same species are more likely to cross.

Example: carrots are not likely to cross with cilantro, but different varieties of carrots can cross with each other.

Potato Taxonomy <i>Solanum jamesii</i>		Tomato Taxonomy <i>Solanum lycopersicum</i>	
Kingdom	Plantae	Kingdom	Plantae
Phylum	Magnoliophyta	Phylum	Magnoliophyta
Class	Magnoliopsida	Class	Magnoliopsida
Order	Solonales	Order	Solonales
Family	Solonaceae	Family	Solonaceae
Genus	<i>Solanum</i>	Genus	<i>Solanum</i>
Species	<i>jamesii</i>	Species	<i>lycopersicum</i>
SubSpecies	Four Corners	SubSpecies	Cherry