

EDIBLE CROPS - Botanical Families
Genus + Species + Variety

MONOCOTYLEDONS = *Single seed leaf*

GRAMINAE / POACEAE (Grains)

Corn	Wheat	Rice	Barley	Oats	Millet	Rye
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AMARYLLIDACEAE / LILIACEAE (Bulbs)

Garlic	<i>Allium sativum</i>
Onion	<i>Allium cepa</i>
Leek	<i>Allium ameloprasum var. porrum</i>
Chives	<i>Allium schoenoprasum</i>
Shallots (Scallions)	
Asparagus	<i>Asparagus officinalis</i>

DICOTYLEDONS = *2 seed leaves*

BRASSICACEAE

or **CRUCIFERAE (Cross-shaped petals)**

White Mustard	<i>Brassica hirta</i>
Brown Mustard	<i>Brassica nigra</i>
Chinese Mustard	<i>Brassica juncea</i>
Turnip	<i>Brassica rapa</i>
Chinese Cabbage	<i>Brassica rapa spp. Chinensis</i>
Swede	<i>Brassica napus</i>
Cabbage	<i>Brassica oleracea var. capitata</i>
Sprouts	<i>Brassica oleracea var. gemmifera</i>
Kale	<i>Brassica oleracea var. acephala</i>
Cauliflower	<i>Brassica oleracea var. botrytis</i>
Broccoli	<i>Brassica oleracea var. Italica</i>
Kohl Rabi	<i>Brassica oleracea var. gongyloides</i>
Radish	<i>Raphanus sativus</i>
Rocket	<i>Eruca sativa</i>
Watercress	<i>Nasturtium officinalis</i>

LEGUMINOSAE (Fix Nitrogen)

Pea	<i>Pisum sativum</i>
Broad Bean	<i>Vicia fava</i>
French Bean	<i>Phaseolus vulgaris</i>
Runner Bean	<i>Phaseolus coccineus</i>
Lentil / Soy / Pea-Bean / Lima / Cow Pea / Yardlong	

ASTERACEAE / COMPOSITAE (Daisy)

Marigold	<i>Calendula officinalis</i>
Sunflower	<i>Helianthus annuus</i>
Root Artichoke	<i>Helianthus tuberosus</i>
Globe Artichoke	<i>Cynara scolymus</i>
Cardoon	<i>Cynara cardunculus</i>
Lettuce	<i>Lactuca sativa</i>
Endive	<i>Chicorium endivia</i>
Chicory	<i>Chicorium intybus</i>
Chopsuey / Shungiku	<i>Chrysanthemum coronarium</i>
Salsify	<i>Tragopogon porrifolius</i>
Scorzonera	<i>Scorzonera hispanica</i>
Lawn Chamomile	<i>Chamaemelum nobile</i>
Wild Chamomile	<i>Matricaria recutita</i>

LABIATAE (Lip shape flower)

Mint	<i>Mentha species</i>
Nettle	<i>Urtica dioica</i>
Lemon Balm	<i>Melissa officinalis</i>
Oregano	<i>Origanum vulgare</i>
Marjoram	<i>Origanum marjorana</i>
Basil	<i>Ocimum basilicum</i>
Rosemary	<i>Rosmarinus officinalis</i>
Sage	<i>Salvia officinalis</i>
Thyme	<i>Thymus vulgaris</i>
Savory	<i>Satureja hortensis</i>

UMBELLIFERAE / APIACEAE Bees/flies

Carrot	<i>Daucus carota var. sativus</i>
Parsnip	<i>Pastinaca sativa</i>
Celery	<i>Apium graveolens var. dulce</i>
Celeriac	<i>Apium graveolens var. rapaceum</i>
Fennel	<i>Foeniculum vulgare var. azoricum</i>
Parsley	<i>Petroselinum crispum</i>
Coriander	<i>Coriandrum sativum</i>

CHENOPODACEAE (Seed cluster)

Beetroot	<i>Beta vulgaris</i>
also Chard/Perpetual/Spinach Beet/Sugar Beet	
Spinach	<i>Spinacea oleracea</i>
Quinoa	<i>Chenopodium quinoa</i>

SOLANACEAE (Nightshades)

Potato	<i>Solanum tuberosum</i>
Aubergine	<i>Solanum melongea / macrocarpon / aethiopicum</i>
Tomato	<i>Lycopersicon lycopersicon</i>
Cherry Tomato	<i>Lycopersicon pimpinellifolium</i>
Tomatillo	<i>Physalis edulis</i>
Cape Gooseberry	<i>Physalis peruviana</i>
Sweet Pepper	<i>Capsicum annum</i>
Chilli Pepper	<i>Capsicum frutescens / pubescens / baccatum</i>

CUCURBITACEAE (Gourds)

Courgette / Marrow	<i>Cucurbita pepo</i>
Winter Squash	<i>Cucurbita maxima</i>
Butternut Squash	<i>Cucurbita moschata</i>
Japanese Pumpkin	<i>Cucurbita mixta</i>
Cucumber	<i>Cucumis sativus</i>
Melon	<i>Cucumis melo</i>
Watermelon	<i>Citrullus lanatus</i>

ROSACEAE (5 Petals + Fruit)

Apple	<i>Malus domestica</i>
Pear	<i>Pyrus communis var. culta</i>
Plum	<i>Prunus domestica</i>
Cherry	<i>Prunus species</i>
Almond / Peach / Nectarine / Apricot	<i>Prunus dulcis</i>
Strawberry	<i>Fragaria vesca</i>

POLYGONACEAE (Seed shape)

Rhubarb	<i>Rumex rhubarbarum</i>
Sorrel	<i>Rumex acetosa</i>
Buckwheat	<i>Fagopyron</i>

CANNABACEAE (Resins)

Hops	<i>Humulus lupulus</i>
Hemp	<i>Cannabis sativa / indica / ruderalis</i>

BORAGE – Comfrey – Bocking crosses

Grape – *Vitis vinifera*
 Banana – *Musa spp.* x 300
 Citrus – infinite crosses

Classification changing / evolving

Edibility criteria – familiarity / expectations / norms
Adapt diet to what grows

Latin – sound -> meaning – universal *lingua franca*

Shared Characteristics

Botanical families based on similarity,
often minor detail (aka Doctrine of Signatures)

Shared Growth Habits – Pollination / Support
and Requirements – Fertility / Pests and Diseases

Shared Origins – social and economic significance
History / stories