

- Carl von Linne (1707-1778)

THE TAXONOMIC HIERARCHY FOR APPLE

Classification

Kingdom: Plantae

Division: Spermatophyta

Subdivision: Angiospermae

Class: Dicotyledonae

Order: Rosales

Family: Rosaceae

Genus: Malus

Species: domestica

Olea
europaea (*European olive*)





Familya: *Capripoliaceae*
Tür: *Sambucus nigra* (Elderberry)



Familya : *Ericaceae*

Tür : *Arbutus andrachne* (Koca yemiř)



Family : *Ericaceae*

Tür : *Vaccinium corymbosum*



- **Takım** : *Fagales*
- **Familya**: *Betulaceae*
- **Tür** : *Corylus avellana* (Common hazel)
- : *Corylus maxima* (Filbert)
: *Corylus colurna*
(Turkish hazel)

Corylus avellana (Common hazel)



Corylus maxima (Filbert)



Corylus colurna (Turkish hazel)



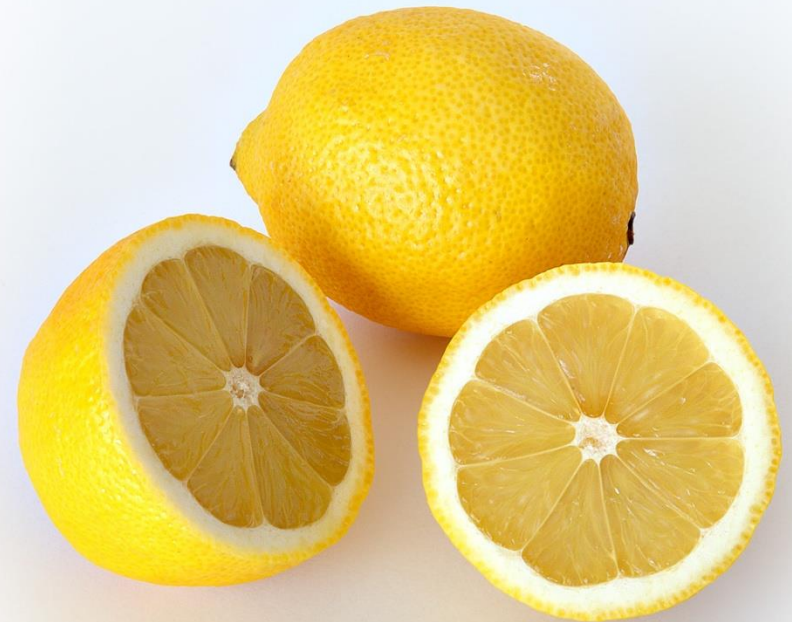
Citrus aurantifolia (Key lime)



Citrus paradisi (Grapefruit)



Citrus limoni (Lemon)



Citrus sinensis (Sweet
orange)



Citrus reticulata (Mandarin orange)



Poncirus trifoliata (*Trifoliolate
orange*)



- **Takım** : *Juglandales*
- **Familya**:*Juglandaceae*
- **Tür** : *Juglans regia* (*English or Persian walnut*)

Juglans regia (English or Persian walnut)



Juglans regia (walnut)



- **Takım** : *Leguminosae*
- **Familya**: *Leguminosae*
- **Tür** : *Ceratonia siliqua (Carob)*

Ceratonia siliqua (Carob)



Ceratonia siliqua (Carob)



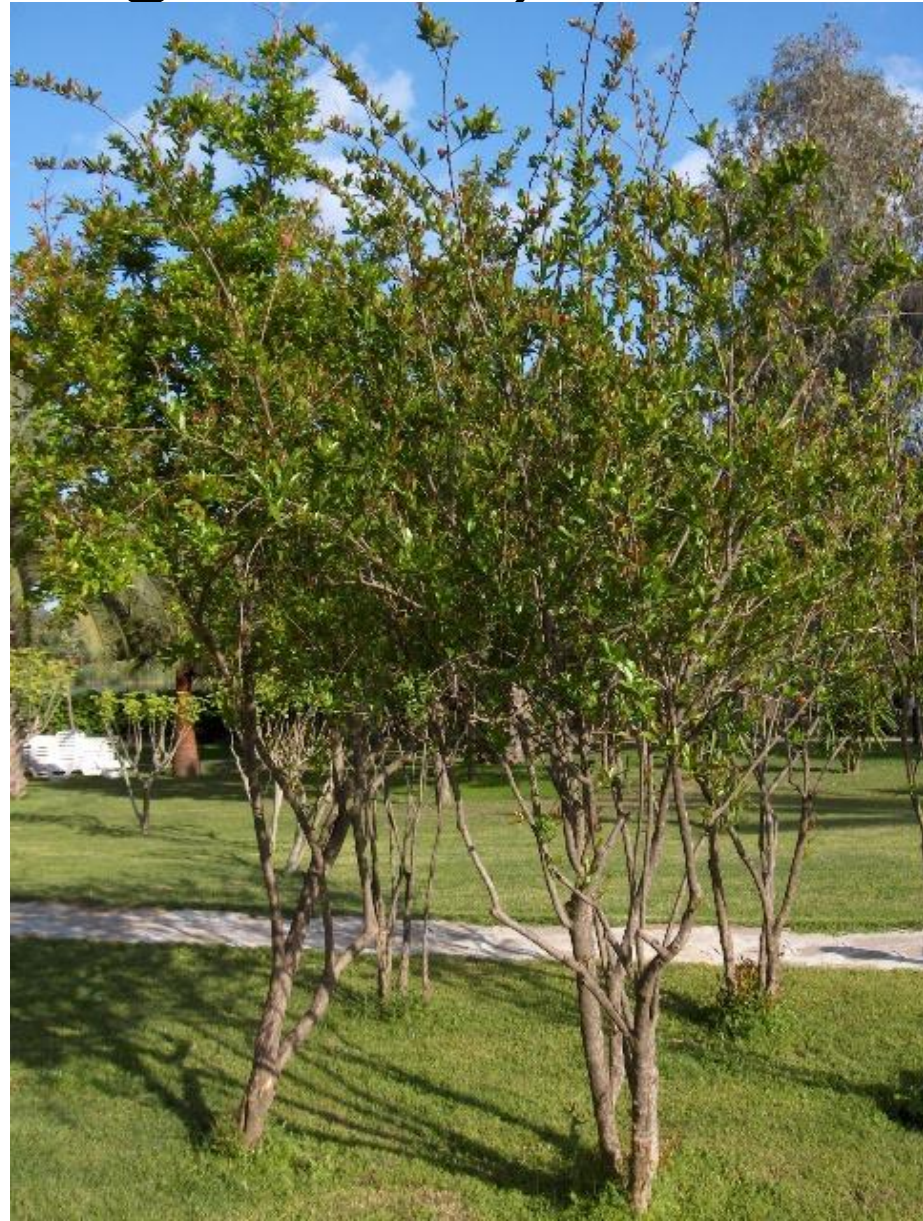
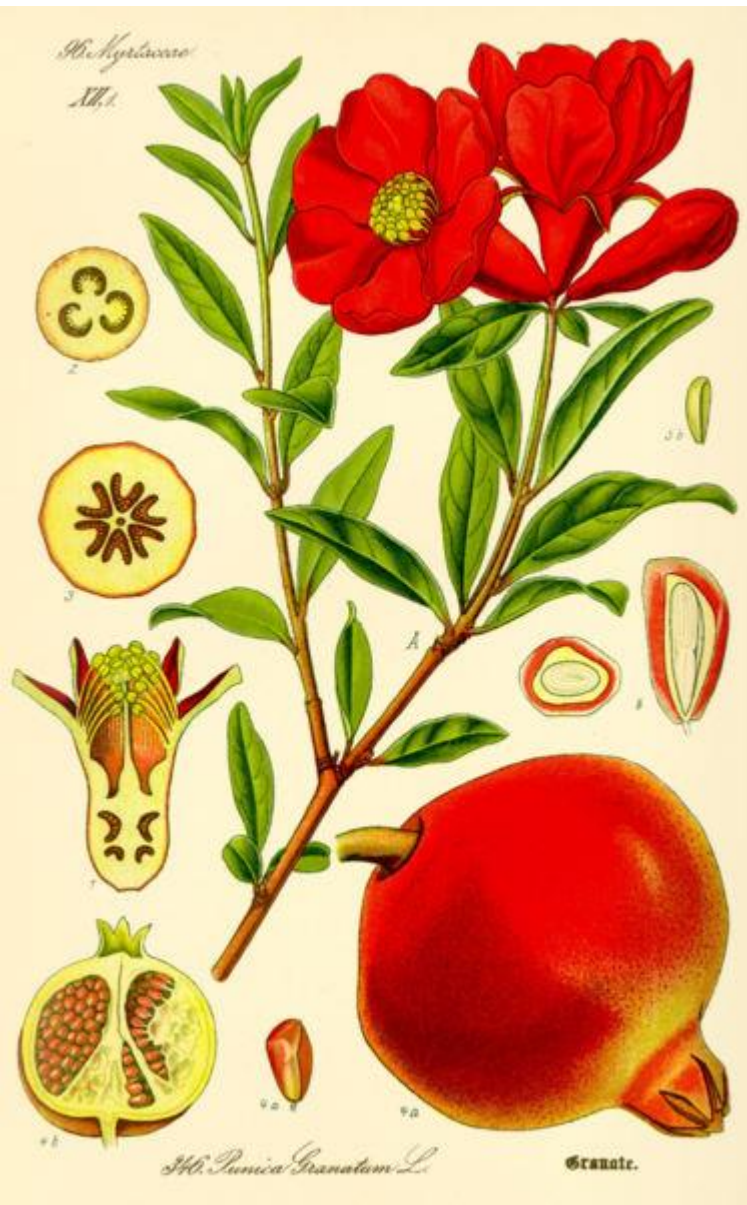
- **Takım** : *Myrtales*
- **Familya:** *Eleagnaceae*
- **Tür** : *Eleagnus angustifolia* (*Russian olive*)

Eleagnus angustifolia (Russian
olive)



- **Takım** : *Myrtales*
- **Familya**: *Punicaceae*
- **Tür** : *Punica granatum*
(*Pomegranate*)

Punica granatum (Pomegranate)



Punica granatum
(Pomegranate)



- **Takım** : *Ranunculales*
- **Familya** : *Berberidaceae*
- **Tür** : *Berberis vulgaris* (Common barberry)

Berberis vulgaris (Common barberry)



Takım : *Ombellales*

Familya : *Cornaceae*

Tür : *Cornus mas* (*Cornelian cherry*)



- **Takım** : *Rhamnales*
- **Familya** : *Rhamnaceae*
- **Tür** : *Ziziphus vulgaris* (Jujube)



- **Takım** : *Rhamnales*
- **Familya** : *Vitaceae*
- **Tür**
- *Vitis labrusca* (Fox grape)
- *Vitis berlandieri* (Fall grape)
- *Vitis rupestris* (Sand grape)
- *Vitis riparia* (Riverbank grape)
- *Vitis vinifera ssp. silvestris* (Wild grape)
- *Vitis vinifera ssp. sativa* (Common grape)
- *Vitis rotundifolia* (Muscadine)

Vitis labrusca (Fox grape)



Vitis rupestris (Sand grape)



Vitis riparia (Riverbank grape)



Vitis vinifera ssp. sativa
(Common grape)



Vitis rotundifolia (Muscadine)



- **Takım** : *Rosales*
- **Familya** : *Rosaceae*
- **Türler**
- *Amygdalus communis* (Almond)
- *Amygdalus nana* (*Prunus tenella*)
- *Crataegus azarolus* (Azarole)
- *Crataegus orientalis* (Oriental hawthorn)
- *Cydonia oblonga* (Quince)
- *Diospyros kaki* (Persimmons)
- *Eriobotria japonica* (Loquat)
- *Fragaria vesca* (Wild strawberry)

- *Malus communis* (Apples)
- *Mespilus germanica* (Common medlar)
- *Pyrus communis* (Pear)
- *Pyrus elaeagrifolia* (Oleaster-leafed pear)
- *Prunus armeniaca* (Armenian plum)
- *Prunus avium* (Sweet cherry)
- *Prunus cerasifera* (Cherry plum)
- *Prunus cerasus* (Sour cherry)
- *Prunus domestica* (Common plum)
- *Prunus fruticosa* (European dwarf cherry)

- *Prunus laurocerasus* (Cherry laurel)
- *Prunus mahaleb* (Mahaleb cherry)
- *Prunus spinosa* (Blackthorn)
- *Ribes nigrum* (Blackcurrant)
- *Ribes rubrum* (Redcurrant)
- *Ribes uva-crispa* (European gooseberry)
- *Rosa canina* (Dog-rose)
- *Rubus fruticosus* (Blackberry)
- *Rubus idaeus* (Raspberry)
- *Rubus neglectus* (Purple raspberry)
- *Rubus occidentalis* (Black raspberry)
- *Sorbus aucuparia* (Rowan)
- *Sorbus domestica* (Service tree)

Amygdalus communis (Almond)



Crataegus azarolus (Azarole)



Cydonia oblonga (Quince)



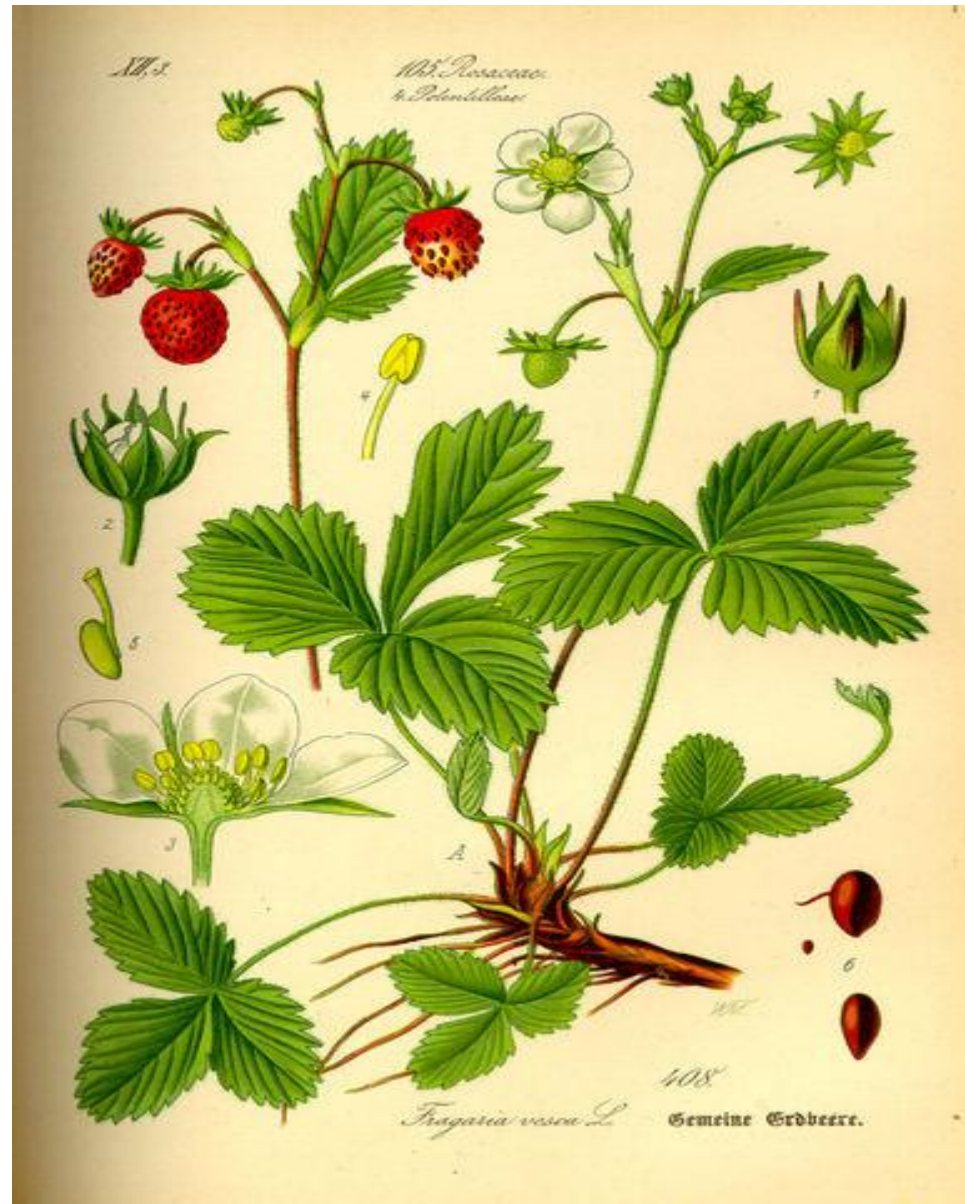
Diospyros kaki (Persimmons)



Eriobotria japonica (Loquat)



Fragaria vesca (Wild strawberry)



Malus communis (Apples)



Mespilus germanica (Common medlar)



Pyrus communis (Pear)



Prunus armeniaca
(*Armenian plum*)



Prunus avium (Sweet cherry)



Prunus cerasifera (Cherry plum)



Prunus cerasus (Sour cherry)



Prunus domestica (Common plum)



Prunus laurocerasus (Cherry laurel)



- *Prunus spinosa* (Blackthorn)
- *Ribes nigrum* (Blackcurrant)
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(European gooseberry)
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Prunus mahaleb (Mahaleb cherry)



Prunus spinosa (Blackthorn)



Ribes nigrum (Blackcurrant)



Ribes rubrum (Redcurrant)



Ribes uva-crispa
(*European gooseberry*)



Rosa canina (Dog-rose)



Rubus fruticosus (Blackberry)



Rubus idaeus (Raspberry)



Rubus neglectus (Purple raspberry)



Rubus occidentalis (Black raspberry)



Sorbus aucuparia (Rowan)



Sorbus domestica (Service tree)



- **Takım** : *Rubiales*
- **Familya**: *Caprifoliaceae*
- **Tür** : *Viburnum opulus* (*Guelder-rose*)



- **Takım** : *Sapindales*
- **Familya:** *Anacardiaceae*
- **Tür** : *Pistacia khinjuk*
(*Pistacia khinjuk*)
- : *Pistacia vera* (*Pistachio*)
- : *Pistacia terebinthus*
(*Cyprus turpentine*)
- : *Pistacia mastica* (*Mastic tree*)
- : *Magifera indica* (*Mango*)

Pistacia vera (*Pistachio*)



Pistacia terebinthus
(*Cyprus turpentine*)



Mangifera indica (Mango)



- **Takım** : *Scitaminales*
- **Familya**: *Musaceae*
- **Tür** : *Musa*
cavendishii (*Cavendish banana*)

Musa
cavendishii (*Cavendish banana*)



- **Takım** : *Spadiciflorae*
- **Familya:** *Palmae*
- **Tür** : *Phoneix dactiylifera (Date palm)*

Phoenix dactylifera (Date palm)



- **Takım** : *Thymelales*
- **Familya**: *Elaeagneceae*
- **Tür** : *Hippophae rhamnoides* (*Seaberry*)

Hippophae rhamnoides (Seaberry)



- **Takım** : *Urticales*
- **Familya**: *Ulmaceae*
- **Tür** : *Celtis australis* (*European nettle tree*)
- **Familya**: *Moraceae*
- **Tür** : *Morus alba* (*White mulberry*)
- : *Morus nigra* (*Black mulberry*)
- : *Ficus carica* (*Fig*)

Celtis australis (*European nettle tree*)



Morus alba (white mulberry)



Morus nigra (Black mulberry)



Ficus carica (Fig)



BOTANICALLY CLASSIFICATION OF VEGETABLES

- **Order** : *Agaricales*
- **Family** : *Agaricaceae*
- **Species** : *Agaricus bisporus* (*Button mushroom*)



Sınıf: Monocotyledoneae (Tek çenekliler)

- **Order** : *Liliflorae*
- **Family** : *Alliaceae*
- **Species** : *Allium cepa* (Onion)
- : *Asparagus officinalis* (Asparagus)
- : *Allium porrum* (Garden leek)
- : *Allium sativum* (Garlic)
- **Order** : *Graminales*
- **Family** : *Graminae*
- **Species** : *Zea mays var.rugosa* (Sweet corn)

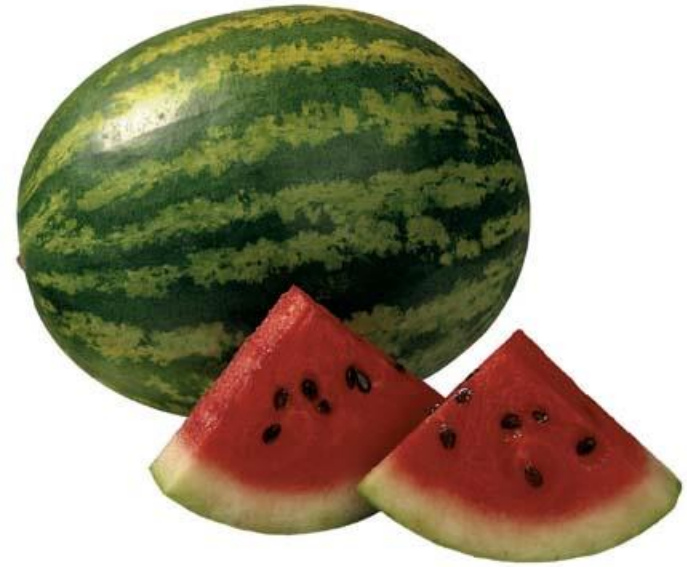
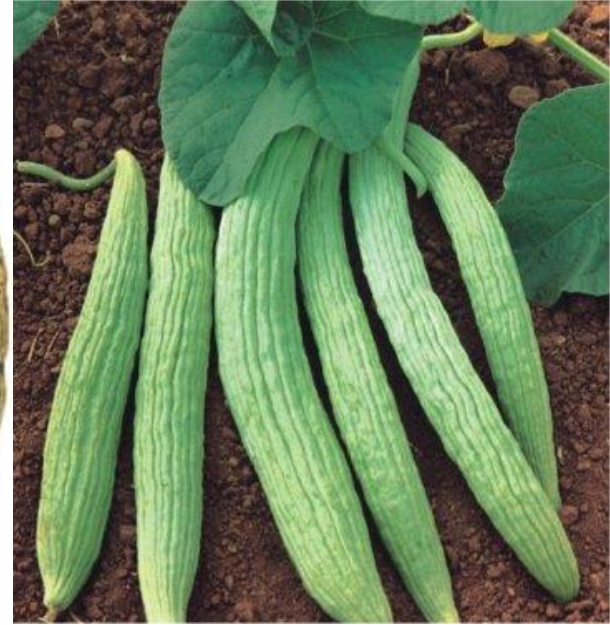


Sınıf: Dicotyledoneae (Çift çenekliler)

- **Order** : *Centrospermae*
- **Family** : *Chenopodiaceae*
- **Species** : *Spinacia oleracea* (Spinach)
- : *Beta vulgaris var. cruenta* (Red beet)
: *Beta vulgaris var. cicla* (Chard)
- **Family** : *Portulacaceae*
- **Species** : *Portulaca oleracea* (Common purslane)



- **Order** : *Cucurbitales*
- **Family** : *Cucurbitaceae*
- **Species** : *Citrillus lanatus* (Watermelon)
 - : *Cucumis flexuosus* (Armenian cucumber)
 - : *Cucumis inelo* (Melon)
 - : *Cucumis sativus* (Cucumber)
 - : *Cucurbita maxima* (Buttercup squash)
 - : *Cucurbita mixta* (Cushaw squash)
 - : *Cucurbita moschata* (Crookneck pumpkin)
 - : *Cucurbita pepo* (Field pumpkin)



- **Order** : *Leguminosae*
- **Family** : *Leguminosae*
- **Species** : *Phaseolus vulgaris* (Common bean)
: *Phaseolus coccineus* (Runner bean)
: *Pisum sativum* (Pea)
: *Vicia faba var. major* (Broad bean)
: *Vigna sinensis* (Black-eyed pea)



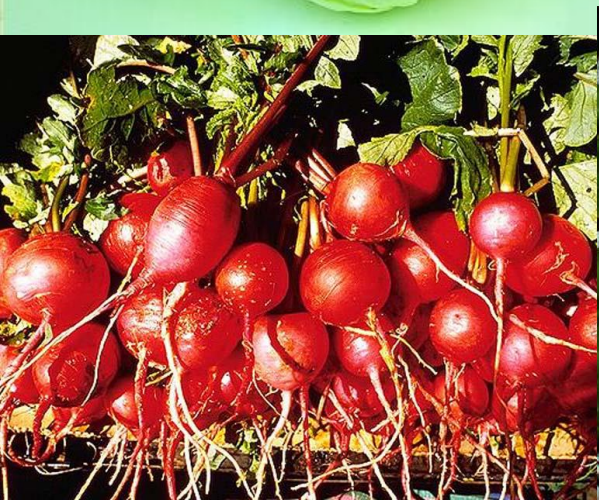
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- **Takım** : *Personatae*
- **Family** : *Solanaceae*
- **Species** : *Capsicum annuum* (Sweet and chili pepper)
 - : *Capsicum frutescens* (Tabasco pepper)
 - : *Lycopersicon esculentum* (Garden tomato)
 - : *Solanum melongena* (Aubergine)
 - : *Solanum tuberosum* (Potato)



- **Order** : *Rhodales*
- **Family** : *Cruciferae*
- **Species** : *Brassica oleracea var acephala (Kale)*
 - : *B. oleracea var. capitata (Cabbage)*
 - : *B. oleracea var. botrytis (Cauliflower)*
 - : *B. oleracea var. italica (Broccoli)*
 - : *B. oleracea var. gemmifera (Brussels sprout)*
 - : *B. oleracea var. gongyloides (Turnip cabbage)*
 - : *Brassica campestris subsp. rapa (Wild turnip)*
 - : *Brassica campestris subsp. Pekinensis*
(*Chinese cabbage*)
 - : *Raphanus sativus (Radish)*
 - : *Lepidium sativum (Garden cress)*
 - : *Er uca sativa (Arugula)*





Order : *Synandrae*

Family : *Compositae*

Species : *Cichorium intybus* (*Chicory*)
: *Cichorium endivia* (*Endive*)
: *Cynara scolymus* (*Artichoke*)
: *Helianthus tuberosus* (*Jerusalem
artichoke*)
: *Lactuca sativa* var. *capitata* (*Iceberg
lettuce*)
: *L. sativa* var. *crispa* (*Leaf lettuce*)
: *L. sativa* var. *longifolia* (*Romaine lettuce*)



Order : *Tubiflorae*

Family : *Convolvulaceae*

Species : *Ipomea batatas* (*Sweet potato*)



Order : *Tubiflorae*

Family : *Labiataea*

Species : *Mentha piperita* (*Peppermint*)



Order : *Umbelliflorae*

Family : *Umbelliferae*

Species : *Anethum graveolens (Dill)*

: *Apium graveolens var. dulce (Celery)*

: *Apium graveolens var. rapaceum (Celeriac)*

: *Daucus carota (Wild carrot)*

: *Foeniculum vulgare (Fennel)*

: *Petroselinum hortense (Parsley)*

