

# Ornamental Plants Growing

# TREES

They are woody, long-lived plants that grow at least 5 m tall and more with a crown, trunk and roots, and mostly have a single trunk and a trunk diameter of more than 10 cm.

## **Classification of Trees:**

- 1) Short Trees: Trees crowned on a single trunk between 5-7 m.
- 2) Tall Trees: Plants between 7-20 m.
- 3) Taller Trees: Plants growing between 20-50 m.
- 4) Very Tall Trees: Trees growing more than 50 m.

# BUSHES

**Shrub:** It is defined as long-lived woody plants that have a top, trunk and roots that branch from the soil surface and can generally reach a height of 0.5 m to 5 m, can form more than one trunk, and have trunk diameters of up to 10 cm.

## **Classification of Shrubs:**

- 1) **Small Shrubs:** Plants that grow 0.5-2 m tall and are below the eye level of a standing person. For example; *Chaenomeles japonica*, *Lavandula spica*, *Cotoneasterdamari* etc.
- 2) **Large Shrubs:** Shrubs that grow between 2-5 m tall. For example; *Spirea* spp., *Euonymus* spp., *Myrtus communis*, *Berberis* spp.



Tree



Bush

# HERBACEOUS AND SEMI-LIGIOUS PLANTS

They are annual or perennial, herbaceous or semi-woody flowering plants growing up to 30-100 cm (For example; Iris spp., Phlox spp., Delphinium spp.).



**Delphinium**



# GROUND COVERS

They are herbaceous or semi-woody plants growing up to 30 cm tall  
(For example; Alisyum, Ajuga, Gazania, Portulaca etc.).



**GRASS**



**AJUGA**

# Classification According to Dendrological Features

## **Classification by Form:**

- Plants with a cluster (pendulous) form
- Plants with a column form
- Plants with an oval form
- Pyramid/conical form
- Plants with a round/globular form
- Plants with a creeping/spreading form
- Plants with a wide/spreading form
- Plants with a landscape (picturesque) form

# Classification by Form

1) **Cluster (pendulous) Form Plants:** The plants in this group have branches that curve downwards and hang down. For example, Weeping willow (*Salix babylonica* L.).





2) **Columnar Plants:** These plants are distinguished from oval-shaped plants by the bluntness of the top. For example; Common yew (*Taxus baccata* L.), Common cypress (*Cupressus sempervirens* L.)



3) **Oval Form Plants:** These plants have a vertical, narrow and tapering structure towards the top. For example; False acacia (*Robinia pseudoacacia* L.)

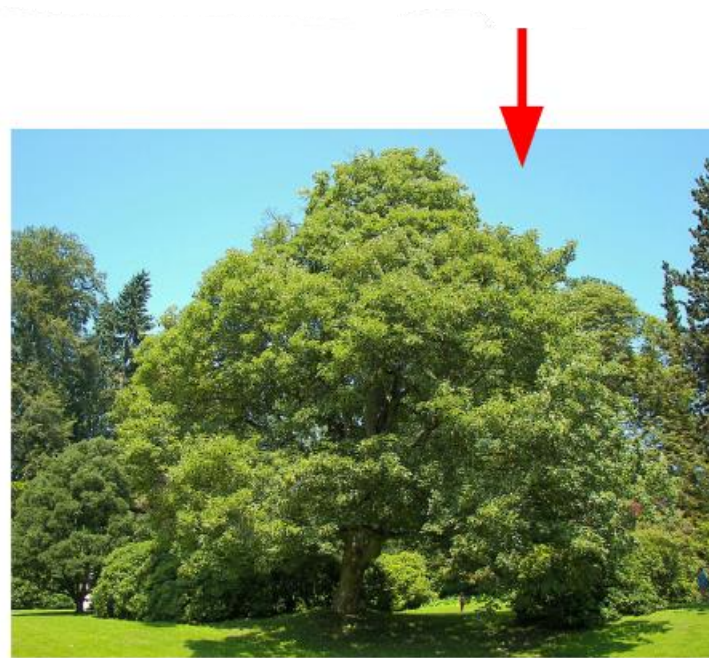
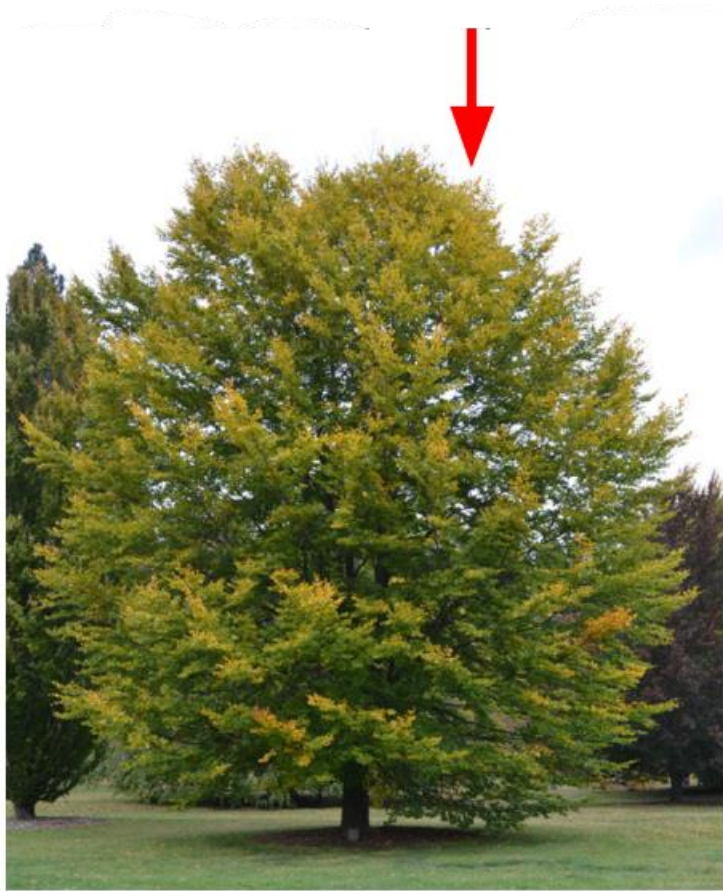




**4) Pyramid/Conical Formed Plants:** These plants gradually narrow from the base to the top. Pyramidal plants have very sharp and distinct borders and easily noticeable tops. For example; Silver Fir (*Abies concolor*), Coast Redwood (*Sequoia sempervirens*)



5) **Round/Spherical Formed Plants:** These types of plants have a distinctly round and spherical shape. For example; European Beech (*Fagus sylvatica* L.), Mountain Maple (*Acer pseudoplatanus* L.).





**6) Creeping/Spreading Form Plants:** The aboveground parts of creeping plants run parallel to the ground plane. They can be herbaceous and woody. For example; Mayan grass (*Ajuga reptans* L.), Sabin juniper (*Juniperus sabina* cv. *Tamariscifolia*). In spreading plants, the aboveground parts of creeping plants run parallel to the ground but rise upwards from the shoot tip. For example; *Juniperus chinensis* cv. *Pfitzeriana* *Glauca*.



*Ajuga reptans*



*Juniperus sabina* cv. *Tamariscifolia*



## 6) Creeping/Spreading Form Plants



*Sürünücü Formu Bitkiler*  
*Juniperus sabina* cv. *Tamariscifolia*  
(Sabin Ardıcı)



*Yayılcı Formlu Bitkiler*  
*Juniperus chinensis* cv. *Pfitzeriana Glauca*

7) **Wide/Spread Formed Plants:** Plants with this form are as wide as they are long. For example, Ornamental apple (*Malus floribunda*), Mulberry (*Morus* sp.)



**8) Plants with Landscape (Picturesque) Form:** This plant form occurs when the plant's shape has sculptural features. These shapes can be irregular, knotted, twisted, and unusual. Apart from bonsai plants, most landscape-formed plants have these features as a result of intense natural forces and extreme conditions.













