**Quercus petraea**  
Sessile Oak, Durmast oak

---

**TYPES OF PLANTING**

**Tree types:** standard trees, feathered trees, multi-stemmed trees, trees for climbing, shade trees, characteristic trees, woodland planting stock

---

**USE**

**Location:** avenue, square, car park / parking lot, park, central reservation, large garden, cemetery, traffic areas, industrial zones, countryside, ecological zone, windbreak  
**Pavement:** none, open, sealed  
**Planting concepts:** Eco planting, Landscape planting, Prairie planting

---

**CHARACTERISTICS**

**Crown shape:** rounded  
**Crown structure:** dense  
**Height:** 25 - 30 m  
**Width:** 20 - 25 m  
**Winter hardiness zone:** 5A - 10B

---

**ASPECTS**

**Wind:** tolerant to wind, slightly tolerant to coastal wind  
**Soil:** loess, sabulous clay, light clay, sand, loamy soil  
**Nutrient level:** low in nutrients, moderately rich in nutrients, rich in nutrients  
**Soil moisture level:** dry, moist  
**Light requirements:** sun, partial shade  
**pH range:** acidic, neutral  
**Host plant/forage plant:** bees, butterflies, birds, small mammals  
**Extreme environments:** tolerant to dryness, tolerates air pollution

---

**PLANTKENMERKEN**

**Flowers:** catkins, discrete, pendulous  
**Flower colour:** yellow-brown, yellow-green, green  
**Flowering period:** May - June  
**Leaf colour:** matt green  
**Leaves:** deciduous, ovate, lobate  
**Autumn colour:** yellow-brown  
**Fruits:** acorn  
**Fruit colour:** brown  
**Bark colour:** grey-brown  
**Bark:** furrowed  
**Twig colour:** grey-brown

---