

# Quercus palustris

## Swamp oak, Pin oak



### SEASONAL COLOURS



### TYPES OF PLANTING

**Tree types:** standard trees, feathered trees, multi-stemmed trees, climate trees, shade trees, characteristic trees, woodland planting stock | **Topiary on stem:** block, roof-trained, espalier, pleached

### USE

**Location:** avenue, square, park, central reservation, large garden, cemetery, traffic areas, industrial zones, ecological zone, bioswale | **Pavement:** none, open, sealed | **Planting concepts:** Climate planting, Eco planting, Solid planting, Prairie planting

### CHARACTERISTICS

**Crown shape:** wide pyramidal | **Crown structure:** semi-open | **Height:** 20 - 25 m | **Width:** 15 - 18 m | **Winter hardiness zone:** 5A - 8B

### ASPECTS

**Wind:** tolerant to wind | **Soil:** loess, sabulous clay, peaty, heavy clay, light clay, sand, loamy soil, all soils | **Nutrient level:** rich in nutrients | **Soil moisture level:** moist | **Light requirements:** sun | **pH range:** acidic | **Host plant/forage plant:** bees, butterflies, birds, small mammals | **Extreme environments:** tolerant to salt spray, tolerant to dryness, tolerates air pollution, tolerates heat, tolerant to short-term flooding

### PLANTKENMERKEN

**Flowers:** catkins, pendulous | **Flower colour:** golden yellow | **Flowering period:** May - May | **Leaf colour:** green, buds bright green | **Leaves:** deciduous, ovate, lobate | **Autumn colour:** red | **Fruits:** acorn | **Fruit colour:** brown | **Bark colour:** grey-brown | **Bark:** slightly furrowed, striped | **Twig colour:** olive green | **Twigs:** with lenticels, horizontal branches, pendulous, short shoots | **Root system:** shallow, extensive, central root