

*Betula nigra*

River birch, Black birch, Water birch, Red birch



#### SEASONAL COLOURS



#### TYPES OF PLANTING

**Tree types:** standard trees, feathered trees, multi-stemmed trees, trees for climbing, characteristic trees | **Topiary on stem:** multi-stem umbrella

#### USE

**Location:** avenue, park, central reservation, roof garden, large garden, cemetery, traffic areas, industrial zones, countryside, bioswale | **Pavement:** none, open | **Planting concepts:** Landscape planting

#### CHARACTERISTICS

**Crown shape:** vase-shaped | **Crown structure:** semi-open | **Height:** 18 - 20 m | **Width:** 7 - 10 m | **Winter hardiness zone:** 4A - 9B

#### ASPECTS

**Wind:** tolerant to wind, slightly tolerant to coastal wind | **Soil:** loess, sabulous clay, peaty, heavy clay, light clay, sand, loamy soil, all soils | **Nutrient level:** low in nutrients, moderately rich in nutrients, rich in nutrients | **Soil moisture level:** dry, moist, wet, very wet | **Light requirements:** sun | **pH range:** acidic, neutral | **Host plant/forage plant:** butterflies | **Extreme environments:** tolerates air pollution, tolerates heat, tolerant to short-term flooding

#### PLANTKENMERKEN

**Flowers:** catkins, striking, pendulous | **Flower colour:** pale yellow | **Flowering period:** March - April | **Leaf colour:** dark green, underside grey-green | **Leaves:** deciduous, ovate, polished, rough, doubly serrate, lobate | **Autumn colour:** golden yellow | **Fruits:** catkins | **Fruit colour:** brown | **Bark colour:** cream, pale brown, dark brown | **Bark:** peeling | **Twig colour:** red-brown | **Twigs:** with lenticels, polished, pendulous, finely branched | **Root system:** shallow, slightly branched, many hair roots, central root, roots push up surface