

# *Ulmus* x *hollandica* 'Pioneer'

## Pioneer Dutch Elm



### TYPES OF PLANTING

**Tree types:** standard trees

### USE

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

### CHARACTERISTICS

**Crown shape:** rounded | **Crown structure:** dense | **Height:** 15 - 20 m | **Width:** 10 - 15 m | **Winter hardiness zone:** 5A - 8B

### ASPECTS

**Wind:** tolerant to wind, 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:** neutral, alkaline | **Extreme environments:** tolerant to salt spray, tolerates air pollution, tolerant to short-term flooding, resistant to Dutch elm disease

### PLANTKENMERKEN

**Flowers:** raceme, striking, small | **Flower colour:** yellow-green | **Flowering period:** March - April | **Leaf colour:** dark green | **Leaves:** deciduous, ovate, big, polished, underside hairy, doubly serrate | **Autumn colour:** golden yellow | **Fruits:** striking, winged, nut | **Fruit colour:** grey-brown | **Bark colour:** grey | **Bark:** deeply furrowed, smooth | **Twig colour:** brown-green, dark grey | **Twigs:** bare, striped | **Root system:** deep, extensive, highly branched, on own root

