

# *Alnus cordata*

## Italian alder



### SEASONAL COLOURS



### TYPES OF PLANTING

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

### USE

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

### CHARACTERISTICS

**Crown shape:** pyramidal | **Crown structure:** semi-open | **Height:** 10 - 15 m | **Width:** 4 - 8 m | **Winter hardiness zone:** 6A - 9B

### ASPECTS

**Wind:** tolerant to wind, slightly tolerant to coastal wind | **Soil:** loess, sabulous clay, peaty, light clay, sand, loamy soil | **Nutrient level:** low in nutrients, moderately rich in nutrients, rich in nutrients | **Soil moisture level:** very dry, dry, moist, wet | **Light requirements:** sun, partial shade | **pH range:** acidic, neutral, alkaline | **Host plant/forage plant:** birds | **Extreme environments:** tolerant to salt spray, tolerant to dryness

### PLANTKENMERKEN

**Flowers:** catkins, striking | **Flower colour:** yellow-brown, yellow-green, green | **Flowering period:** February - March | **Leaf colour:** dark green, buds pale green, underside pale green | **Leaves:** deciduous, cordate, leathery, polished, sticky, serrate, Nitrogen fixing | **Fruits:** striking, cones | **Fruit colour:** black | **Bark colour:** grey-brown | **Bark:** slightly furrowed | **Twig colour:** brown | **Twigs:** bare | **Root system:** shallow, fine roots