

# *Alnus glutinosa* 'Imperialis'

## Fern Leaved Alder, Imperialis Common Alder, Imperialis European Alder



### TYPES OF PLANTING

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

### USE

**Location:** park, central reservation, roof garden, large garden, cemetery, traffic areas, industrial zones, bioswale, coastal area | **Pavement:** none

### CHARACTERISTICS

**Crown shape:** wide pyramidal | **Crown structure:** semi-open | **Height:** 7 - 10 m | **Width:** 4 - 6 m | **Winter hardiness zone:** 3A - 8B

### ASPECTS

**Wind:** tolerant to wind, tolerant to coastal wind | **Soil:** loess, sabulous clay, peaty, light clay, sand, loamy soil | **Nutrient level:** moderately rich in nutrients, rich in nutrients | **Soil moisture level:** moist, wet, very wet | **Light requirements:** sun, partial shade | **pH range:** acidic, neutral, alkaline | **Host plant/forage plant:** bees, birds, nectar value 0, pollen value 1 | **Extreme environments:** tolerant to salt spray, tolerates air pollution, tolerant to short-term flooding

### PLANTKENMERKEN

**Flowers:** catkins, striking | **Flower colour:** yellow-brown | **Flowering period:** February - March | **Leaf colour:** green | **Leaves:** deciduous, opposite, polished, dissected, lacinate, Nitrogen fixing | **Autumn colour:** brown, green | **Fruits:** striking, cones | **Fruit colour:** black | **Bark colour:** grey | **Bark:** furrowed | **Twig colour:** violet | **Twigs:** pendulous | **Root system:** deep, central root

