

habitat	
natural distribution	Europe, West and Mid Asia
in N.W. Europe since B.C.
natural areas The Netherlands	forests, forest edges, hedges
geological landscape types The Netherlands (Hoek 1997)	river and brook valleys, dune area
forested areas The Netherlands	not a forest canopy tree, but an understorey shrub
area Netherlands	not a forest canopy tree
% of forest trees in the Netherlands	< 0,6 (2002, Probos)
soil type	loamy soils
pH-KCl	acid to neutral
soil fertility	nutrient rich
light	shade tolerant
① shade tolerance (0=no tolerance to 5=max. tolerance)	3.3
① drought tolerance (0=no tolerance to 5=max. tolerance)	1.9
① waterlogging tolerance (0=no tolerance to 5=max. tolerance)	3.2
plant communities in the Netherlands	Klasse der Eiken-beukenbossen op voedselrijke grond: -Pruno-Fraxinetum – Vogelkers-essenbos -Violo odoratae-Ulmetum – Abelen-iepenbos Fraxino-Ulmetum – Essen-iepenbos Klasse der Elzenbroekbossen: Carici elongatae-Alnetum – Elzenzegge Elzenbroek
management	
status Europe	frequent, indigenous species in forests and landscape
status The Netherlands	frequent, indigenous species in forests and landscape
application	nature tree, street tree, hedges
propagation	seed, layering; named cultivars by grafting
regeneration	planting; natural regeneration from seed or layering
optimal gap size for regeneration	understorey
first plantation Netherlands	none
resprouting after cutting	very good
growth rate (M.A.I. in $m^3ha^{-1}j^{-1}$)	slow (data unknown)
diseases	-Gumming (gomziekte) is a tree's reaction on stress related factors - <i>Chondrostereum purpureum</i> (Paarse korstzwam) causing Silverleaf (Loodglansziekte), a fungus attacking trees of the Rosaceae
insects	<i>Yponomeuta evonymellus</i> – Caterpillar feeding on leaves – Vogelkersstippelmot <i>Rhopalosiphum padi</i> – aphid on leaves – Vogelkersluis <i>Eryophes padi</i> – a gall mite - galmijt
wood	
wood	rarely used
wood structures key characteristics of pores	varies only slightly from <i>P. avium</i>
vol. mass heartwood (kg/m ³)	-
elastic modulus (N/mm ²)	-
durability heartwood	-
heartwood color	reddish brown
sapwood color	yellow to light brown
contents	
products	none
non-timber products	
fruits	not edible for humans

① Ülo Niinemets and Fernando Valladares. 2006. Tolerance to shade, drought, and waterlogging of temperate Northern Hemisphere trees and shrubs. Ecological Monographs 76:521–547



Bird cherry leaves



leaf under surface



twig and buds in winter



Bird cherry flowers



photos 5x © Leo Goudzwaard



Young tree, Wageningen



Prunus padus 'Watereri' as an ornamental, Wageningen



stem of a young tree
photos 3x © Leo Goudzwaard



Thomé, 1885