

habitat	
natural distribution	Europe, W. Asia
in N.W. Europe since	3500 BC (Maes, p214)
natural areas The Netherlands	forest edges
geological landscape types The Netherlands (Hoek 1997)	loess covered terraces, till plateau, higher river and brook valleys
forested areas The Netherlands	clay and loamy soils
area Netherlands	not a forest canopy tree, understory and forest edges
% of forest trees in the Netherlands	<0,1
soil type	
pH-KCl	neutral to alkaline
soil fertility	nutrient rich
light	light demanding
① shade tolerance (0=no tolerance to 5=max. tolerance)	2.3
① drought tolerance (0=no tolerance to 5=max. tolerance)	3.3
① waterlogging tolerance (0=no tolerance to 5=max. tolerance)	1.8
plant communities in the Netherlands	Klasse der doornstruwelen: -Rhamno - Prunetea
management	
status Europe	endangered indigenous species
status The Netherlands	endangered indigenous species
application	nature tree; fruit tree
propagation	seed
regeneration	planting; natural regeneration from seed
optimal gap size for regeneration	forest edges
first plantation Netherlands	not a plantation tree
resprouting after cutting	good
growth rate (M.A.I. in $m^3ha^{-1}j^{-1}$)	slow, (data unknown)
diseases	<i>Erwinia amylovora</i> – bacterium - Fireblight – Bacterievuur; <i>Venturia pirina</i> – fungus – Blackspot – blad- en takschurft
insects	Cydia pomonella -codling moth larva, feeding on the pear core
wood	
wood	pear (Dutch: peren)
wood structure key characteristics of pores	diffuse porous; pores solitary
vol. mass heartwood (kg/m ³)	700
elastic modulus (N/mm ²)	approx 7800
durability heartwood	fungus 4
heartwood color	light brown
sapwood color	white to pale yellow
contents	gum in the heartwood
products	turnery, cutlery, furniture, instruments, ebony substitute when blackened
non-timber products	
fruits	cooked for jellies

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



Wild pear leaf, Oekraine



Wild pear, Dordogne, France

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P. communis 'Beech Hill', Veenendaal



Wild pear bark, Buskett's Lawn, New Forest, U.K.

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pear wood

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