

Manitou

Clone Name: P. "OPW-34L-71"

Gender: Male

Parentage: **Mother:** P. Walker (Open pollinated *P. deltoides* var. *occidentalis*)
Father: Unknown

Origin: AAFC-PFRA Shelterbelt Centre, Indian Head, SK

Breeding Year: 1971 (Carl Lindquist)

Field Selection: 1986 (William Schroeder)

Released: 1991 (AAFC-PFRA Shelterbelt Centre)

Morphological Traits	Description
Trunk	Slightly curved, multi-stemmed
Crown Form	Spreading
Branch Angle	45-60°
Budburst	Mid-Spring
Budset	Mid-Fall
Leaf	Deltoid with a broadly wedge shaped base and acuminate tip; lower surface greyish green, margin coarsely serrate; petiole green, greater than length of blade
Twig	Cylindrical, greenish to light brown; linear vertically oriented lenticels; buds ovoid, gummy; leaf scars three-lobed
Bark	Smooth, greyish or creamy green

Trait Characteristics	Low	Medium	High
Fall/Spring Hardiness			X
Drought resistance		X	
Sunscald Susceptibility	X		
Flood Tolerance		X	
Septoria Resistance		X	
Rust Resistance	X		
Growth Rate		X	
Rooting Capacity			X

Recommendations	Description
Utilization	Landscaping, reclamation, phytoremediation
Soil	Grows well on a variety of soils, pH<7.5
Plant Hardiness Zone	Zones 1-4
Notes	Good stoolbed and steckling production, Large tree suitable for parks, Longevity > 40yrs.

