

Northwest

Clone Name: *P. x jackii* "Northwest"

Gender: Male

Parentage: **Mother:** *P. deltoides*
Father: *P. balsamifera*

Origin: North Dakota

Breeding Year: Unknown

Field Selection: Unknown

Released: Unknown

Morphological Traits	Description
Trunk	Moderately straight strong lateral branches
Crown Form	Spreading
Branch Angle	50-60°
Budburst	Mid-Spring
Budset	Early-Fall
Leaf	Broadly ovate with straight base and pointed tip; blade length and width nearly equal, finely serrate margin; petiole reddish, oval, equal to or shorter than length of blade
Twig	Cylindrical, dark green to brown, lenticels dispersed; buds elongated 3 times longer than wide, acute, out-curved, gummy, pubescent; eyelash-like hairs at junction of leaf scar and bud base, leaf scars large and triangular
Bark	Smooth, greenish-grey with striped lenticels

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	Agroforestry, wood products, biomass, reclamation, phytoremediation
Soil	Grows well on a wide variety of soils pH<8
Plant Hardiness Zone	Zones 1-4
Notes	Good stoolbed and steckling production, Wide crown results moderate fast crown closure; Longevity > 40yrs.

