

Hill

Clone Name: P. "FNS 44-55"

Gender: Female

Parentage: **Mother:** *P. deltoides* var. *occidentalis*.
Father: *P. x petrowskyana* (*P. laurifolia* x *P. nigra*)

Origin: Forest Nursery Station, Indian Head, SK

Breeding Year: 1935 (John Walker)
Field Selection: 1947 (John Walker)
Released: 1995 (PFRA Shelterbelt Centre)

Morphological Traits	Description
Trunk	Straight
Crown Form	Slightly spreading
Branch Angle	45-50°
Budburst	Mid-Spring
Budset	Mid-Fall
Leaf	Deltoid with slightly wedge shaped base and narrow acuminate tip; blade length and width nearly equal, crenate margin; petiole greenish yellow, slightly flattened, half length of blade
Twig	Angular, green with well developed ribs; long oval lenticels; buds elongated 3 times longer than wide, slightly gummy; leaf scars 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, Narrow crown results in delayed crown closure; Longevity > 40yrs.

