

Riparian Shrub Releases

from the Bismarck Plant Materials Center

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Survivor Germplasm false indigo (*Amorpha fruticosa*)

- tested class germplasm release originating from Idaho
- 3 - 10 feet tall in northern climates
- bright green foliage with purplish-blue flowers
- fruits are a single smooth brownish seed in a pod
- deep, fibrous roots bind sandy soils
- broadly adapted to wet or dry well-drained sites
- nitrogen-fixing legume with excellent establishment and growth
- has the ability to "survive" inundation, covering by sedimentation, girdling by animals, and competition with smooth brome grass (*Bromus inermis*)



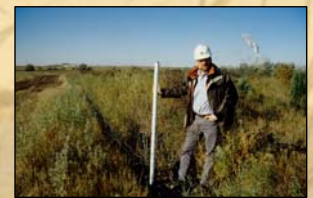
Photo credit: Mike Hallock



Special Use: streambank erosion control and lakeshore stabilization; wildlife cover

Silver Sands Germplasm sandbar willow (*Salix interior*)

- tested class germplasm release originating from native collections by Bill Smith near Charles City, Iowa
- 3 - 15 feet tall depending on site conditions
- silvery-blue leaves turning yellow-gold in fall
- male clone, vegetatively propagated
- strongly suckering, forms thickets
- prefers wet sites in alluvial bottoms or along streambanks
- resilient to flood waters, sediment deposition, and browsing from wildlife



Special Use: streambank erosion control and lakeshore stabilization; wildlife cover

'McKenzie' black chokeberry' (*Aronia melanocarpa*)

- formal cultivar release originating from plants received from the USDA-ARS Plant Introduction Station at Ames, Iowa
- 5 - 10 feet tall depending on site conditions
- open, upright, and often leggy growth habit
- width often exceeds height after 10 years
- leaves turn a dark glossy green as the season progresses
- white flowers develop into pendulous clusters of ½-inch purplish-black fruit high in antioxidants and anthocyanins
- leaves turn a reddish-orange color in fall



Special Use: fruit production; landscaping; single row wind barriers

'Prairie Red' hybrid plum (*Prunus* x 'Prairie Red')

- formal cultivar release collected from a specimen tree at the Wilford Hermann farm near Miller, South Dakota
- 10 - 15 feet tall on favorable sites
- open canopy with smooth branches becoming spiny as they mature
- moderately suckering and may form thickets
- white flowers with 5 petals
- fruit size may be as large as 1.5 inches in diameter
- plant size and fruit size vary depending on the site and landscape position
- stem density and degree of suckering is generally less than American plum



Special Use: fruit production; wildlife cover