

Preferred Vegetative Barriers



Switchgrass (*Panicum virgatum*)



Buttonbush (*Cephalanthus occidentalis*)



Little Bluestem (*Schizachyrium scoparium*)



Joe-Pye Weed (*Eutrochium*)



Blue Flag Iris (*Iris versicolor*)



Soft Rush (*Juncus effusus*)



Wild Bergamot (Monarda fistulosa)



Shrub Dogwood (Cornus sericea / amomum)

Pickerel Weed	Pontederia cordata
Big Bluestem	Andropogon gerardii 'Blackhawks'
Bush Cinquefoil	Potentilla sp.
Cypress	Chaemacyparis sp.
Lilac	Syringia sp.
Lillyturf	Liriope muscari 'Variegata'
Japanese Plum Yew	Cephalotaxus harringtonia
Phlox	Phlox subulata 'Scarlet Flame'
Ruby Muhly Grass	Muhlenbergia reverchonii 'Undaunted'
Spikinard	Aralia cordata 'Sun King'
Spirea	Spirea japonica Double Play CandyCorn
	Spirea prunifolia
	Spirea x bumalda
Stonecrop	Sedum rupestre 'Angelina'
Red osier dogwood	Cornus sericea
Variegated Yucca	Yucca filimetosa

Good Shoreline Trees, 3-6 feet back from shoreline:

Red maple (*Acer rubrum*)

Sugar maple (*Acer saccharum*)

Black gum, tupelo (*Nyssa sylvatica*)

Sweetbay magnolia (*Magnolia virginiana*)

Trees that the DEP likes to be planted:

Guidance Planting Plan: • Approximately 2-2 1/2 inch caliper

- 6 feet in height • Balled and burlap, Spacing: 15 feet on center
- Area per tree: 15 feet × 15 feet = 225 square feet
- Trees per acre: $43,560 \div 225 \approx 194$ trees

American Sycamore *Platanus occidentalis*/ Wetland, Riparian Zone

Pin Oak *Quercus palustris*/ Wetland

River Birch *Betula nigra* FACW/ Riparian Zone

Silver Maple *Acer saccharinum*/Wetland, Riparian Zone

Black Gum *Nyssa_sylvatica*/Transition Area

Red Maple *Acer rubrum*/Wetland, Transition Area

Sweet Gum *Liquidambar styraciflua* / Wetland, Transition Area

Yellow Birch *Betula alleghaniensis*/ Wetland, Transition Area, Riparian Zone

Shrubs:

- Spacing: 10 feet apart, Area per shrub: 10 feet × 10 feet = 100 square feet
- Shrubs per acre: $43,560 \div 100 \approx 436$ shrubs

Red-Osier Dogwood *Cornus stolonifera*/Wetland, Riparian Zone (near watercourse)

Silky Dogwood *Cornus amomum* / Wetland, Riparian Zone (near watercourse)

Specked Alder *Alnus incana* / Wetland

Spicebush *Lindera benzoin*/ Wetland, Transition Area

Winterberry *Ilex verticillata* / Wetland

Arrow-wood *Viburnum dentatum* / Wetland, Transition Area

Highbush Blueberry *Vaccinium marianum* / Wetland, Transition Area, Riparian Zone

Ironwood *Carpinus caroliniana*/ Wetland, Transition Area

Nannyberry *Viburnum lentago*/ Wetland, Transition Area

Sweet Pepperbush *Clethra Alnifolia* / Wetland, Transition Area.

Grasses:

- Use 2-gallon pots and/or native seed mixes (e.g., wetland, riparian, pollinator mixes)
- These are typically interplanted between trees and shrubs or used in open areas
- No fixed spacing, but coverage can be estimated based on seed mix specs (usually 1–2 lbs/acre) seed examples
- Ernst seeds: <https://www.ernstseed.com/>

wetland seed mix: WET SITE POLLINATOR MEADOW MIX - Native Plants
(pinelandsnursery.com)

- riparian seed mix: <https://www.pinelandsnursery.com/riparian-buffer-mix--1>

Mix 167 - Northern Riparian Buffer Mix - Roundstone Native Seed Company
(roundstoneseed.com)

Mix 170 - Northern Riparian Mix - Roundstone Native Seed Company
(roundstoneseed.com)

- Please DO NOT plant: deer tongue, any type of fescue, perennial rye, purple loose stripe, reed canary grass, or multiflora rose.