

# Itasca County Soil and Water Conservation District Spring 2010 Native Tree and Plant Sale

The Itasca County Soil and Water Conservation District (Itasca SWCD) is now taking orders for our spring 2010 eighth annual Native Tree and Plant Sale. The purpose of the sale is to provide landowners a source for smaller quantities of conservation grade trees, shrubs, wildflowers, and grasses. We only offer species native to Minnesota, and those which are well adapted to Itasca County growing conditions.

## Wildflower and Grass Seed Mixtures!

### **Upland Mix:**

27 species total, consisting of 23 species of Minnesota native wildflowers and 4 species of native showy grasses. There is a stronger component of the grass species, totaling 60% wildflowers and 40% grasses. The grasses make the mix well suited for conservation plantings, while the wildflowers provide accent color throughout the spring and summer. This mix is well suited for most upland sites, from moderately dry to moist.

### **Wetland Mix:**

31 species total consisting of 17 species of Minnesota native wildflowers and 14 species of native grasses, sedges and bulrushes. The seed count for this mix totals 12% wildflowers and 88% grasses, sedges and bulrushes. It is intended for wetland conservation projects, but the wildflowers provide scattered accent color throughout the spring and summer. This mix should be seeded in areas where the water table is near the soil surface at least in the spring and fall (ground is spongy and wet), such as wetlands and lake edges.

\*Seed mixes are sold in packages intended to cover 500 square feet in area.

\*Seeding instructions will be available at the time of order pick-up.



Itasca County SWCD  
1889 East Hwy 2  
Grand Rapids, MN 55744

Place  
Stamp  
Here



# Native Tree Information



Trees	Preferred Soil	Sun*	Spacing (ft)**	Mature Height	Average Growth	Other Traits	
<b>Conifers</b>							
Black Spruce ( <i>Picea mariana</i> )	WET	FP	10+	40-60'	4 inches/yr	Tolerates periodic flooding and saturated soil/Good species for vegetating wetlands to trees	
White Cedar ( <i>Thuja occidentalis</i> )		FPS	8+	20-45'	5 inches/yr	Fragrant foliage/Tolerates range of soil and sun conditions/Majestic appearance	
Tamarack ( <i>Larix laricina</i> )	MOIST	F	15+	40-60'	6 inches/yr	Needles turn golden yellow in autumn before dropping/Tolerates range of soil conditions	
Balsam Fir ( <i>Abies balsamea</i> )		FPS	8+	40-60'	8 inches/yr	Fragrant/Soft needles/Wildlife cover/ Common Christmas bough species	
White Spruce ( <i>Picea glauca</i> )		FPS	12+	50-70'	8 inches/yr	Good living fence species/Ground and canopy cover for wildlife	
White Pine ( <i>Pinus strobes</i> )		FP	15+	60-100'	18 inches/yr	Majestic appearance/Good perch tree for predatory birds/Can reach ages up to 400 years	
Red Pine ( <i>Pinus resinosa</i> )		DRY	F	15+	50-90'	18 inches/yr	Reddish colored bark/MN. state tree/Can reach sizes of 100 feet in height and 3 feet in diameter
Jack Pine ( <i>Pinus banksiana</i> )	F		12+	50-70'	18 inches/yr	Grows well on sandy soil/Drought tolerant/plant at wide spacing for wildlife cover	
<b>Broadleaf Deciduous</b>							
Silver Maple ( <i>Acer saccharinum</i> )	WET	MOIST	F	30+	50-75'	7 inches/yr	Naturally a river bottom species, but tolerates a range of soil conditions wet to moderately dry
Paper Birch ( <i>Betula papyrifera</i> )			F	15+	50-70'	10 inches/yr	White papery bark/Grows on range of sites relatively wet to relatively dry
Bur Oak ( <i>Quercus macrocarpa</i> )			FP	30+	50-70'	6 inches/yr	Large broad crown/stout branches/unique coarse bark/acorns for wildlife

\*Sun: F = Full Sun, P = Partial Sun, S = Shade

\*\*Spacing recommendations assume that future thinning will not be done.

# Native Shrub Information

Shrubs	Preferred Soil	Sun*	Spacing	Height	Berries	Flower	Bloom	Other Traits
Red-Osier Dogwood ( <i>Cornus sericea</i> )	WET	FP	2+ ft	3-8'	Small white/ Attract birds in fall	White	June- July	Red stems, especially bright in later winter
High-Bush Cranberry ( <i>Viburnum trilobum</i> )		FPS	4+ ft	6-10'	Bright Red/Jellies, etc/Attract birds	Lrg white/ Unique	June	Showy maroon fall foliage/Unique leaf
Black Chokeberry ( <i>Aronia melanocarpa</i> )		FP	2+ ft	3-6'	Dark purple/Jellies, syrup, pies, & wine	White	May- June	Range of sites from wet transition to upland dry
Nannyberry ( <i>Viburnum lentago</i> )	MOIST	FP	6+ ft	10-20'	Dark Purple/Sweet raw/Attract birds	White/ Large	May- June	Dark red fall foliage/ Spreads gradually
American Spikenard ( <i>Aralia racemosa</i> )		PS	2+ ft	3-6'	Clustered/Small red/ Attract birds	Pale Green	July	Unique two-tone green leaf/Ginseng family
<b>WILDLIFE PACKET</b> <b>*NEW! Details below*</b>		FP	4+ ft	Varies	Attract grouse, deer and songbirds	Variety	May- July	All produce showy white & pink spring blooms
American Plum ( <i>Prunus americana</i> )		F	6+ ft	6-10'	1" dia. & sweet inside /Attract deer	Lrg white/ Fragrant	May	Thicket forming via roots/Thorny branches
Red Elderberry ( <i>Sambucus racemosa</i> )		FP	6+ ft	7-10'	Red/Clusters/Birds/ Un-edible for humans	White/ Unique	May- June	Large, vertical, round flower bloom
Gray Dogwood ( <i>Cornus racemosa</i> )		FPS	5+ ft	7-10'	Subtle White/ Attract birds	White	June- July	Red stems fall & winter/ Maroon fall foliage
Chokecherry ( <i>Prunus virginiana</i> )		FP	5+ ft	8-15'	Red/Bitter raw-good for cooking & Birds	White/ Columnar	May- June	Shorter on sandy sites- taller w/ moderate moist.
Crabapple ( <i>Malus ioensis</i> )	DRY	F	6+ft	10-20'	1" dia./Bitter/Similar to small apples	Pink/white	May	Fruit highly palatable to deer and grouse
Blackberry ( <i>Rubus occidentalis</i> )		FP	2+ ft	3-6'	Large dark purple /Sweet raw	White/ Subtle	May- June	Thorny stems/ Forms thickets
Red Raspberry ( <i>Rubus idaeus</i> )		FP	2+ ft	3-6'	Large red/ Sweet raw	White/ Subtle	May- June	Prickly stems/ Forms thickets
Bush Honeysuckle ( <i>Diervilla lonicera</i> )		FPS	1.5+ ft	2-4'	None	Yellow/ Subtle	June- July	Reddish tint to foliage spring through fall
Juneberry ( <i>Amelanchier alnifolia</i> )		FP	3+ ft	5-10'	Purple/Good raw/Attract birds	White/ Showy	May- June	Also known as Serviceberry
Staghorn Sumac ( <i>Rhus hirta</i> )		F	3+ ft	5-10'	None	Whitish Green	June- July	Attract birds/scarlet colored fall foliage

\*F = Full Sun, P = Partial Sun, S = Shade Tolerant

\*Wildlife packet includes: 2 high-bush cranberry, 2 crabapple, 2 american plum, 2 grey dogwood, 2 chokecherry, and 10 bur oak\*

## Native Perennial Wildflower, Grass and Sedge Information

Wildflowers	Preferred Soil	*Sun	Spacing	Height	Flower Color	Bloom Period	Other Traits	
Blue Flag Iris ( <i>Iris versicolor</i> )	<b>WET</b>	F	<b>12 inches minimum</b>	1-2'	Bluish-Purple	May-July	Large showy flower/Flood tolerant/Early season bloom	
Swamp Milkweed ( <i>Asclepias incarnata</i> )		FP		2-4'	Medium Pink	June-August	Good shoreline species/ Attract Monarch Butterflies	
Spotted Joe-Pye Weed ( <i>Eupatorium maculatum</i> )		FP		2.5-4'	Dark Pink	July-September	Large showy flower head /Attract butterflies	
White Turtlehead ( <i>Chelone glabra</i> )		FP		2-3'	White	July-September	Flower head of numerous large uniquely shaped white flowers	
Blue Vervain ( <i>Verbena hastata</i> )		F		2.5-5'	Purple	July-September	Numerous subtle vertical flower stems /Readily reseeds	
Canada Anemone ( <i>Anemone canadensis</i> )	<b>MOIST</b>	FP		1-2'	White	May-July	Natural spread via roots/ Lush green foliage	
Fireweed ( <i>Epilobium angustifolium</i> )		FP		2-4'	Pinkish-purple	June-August	Large showy flower/Patch forming	
Wild Bergamot ( <i>Monarda fistulosa</i> )		FP		2-4'	Lavender	July-August	Attracts butterflies and Hummingbirds/Aromatic	
Giant Blue Hyssop ( <i>Agastache foeniculum</i> )		FP		1-3'	Deep Purple	July-August	Mint family/Deep green aromatic foliage	
Stiff Sunflower ( <i>Helianthus pauciflorus</i> )		<b>DRY</b>		F	4-6'	Yellow	July-Sept	Multiple daisy type flowers per plant/hearty/spreads via roots
Columbine ( <i>Aquilegia canadensis</i> )				FPS	2-3'	Red and Yellow	May-July	Hummingbirds are attracted to the nectar of the plant
Coreopsis ( <i>Coreopsis palmata</i> )				F	1-3'	Yellow	June-August	Daisy type flower/Foliage remains lush until hard frost
Prairie Rose ( <i>Rosa arkansana</i> )				F	2-4'	Lite Pink	June	½ inch diameter red fruit attracts wildlife/Prickly stems
Black-Eyed Susan ( <i>Rudbeckia hirta</i> )				FP	2-3'	Yellow	June-September	Blooms 1 <sup>st</sup> season/Daisy like flowers/Long bloom period
Butterfly Weed ( <i>Asclepias tuberosa</i> )		FP		1-2'	Orange	July-August	Large showy bloom/Tolerates droughty soils and direct sun	
Rough Blazing Star ( <i>Liatriis aspera</i> )		F	2-3'	Purple	August-Sept.	Unique vertical form/ Good rock garden species		

Grasses and Sedges	Preferred Soil	*Sun*	Spacing	Height	Other Traits	
Bottlebrush Sedge ( <i>Carex comosa</i> )	<b>WET</b>	F	<b>6 inches minimum</b>	2-4'	Unique "bottle brush" shaped seed head	
Canada Blue Joint ( <i>Calamagrosti canadensis</i> )		F		3-5'	Good spread via roots/Good for stabilizing large areas	
Woolgrass ( <i>Scirpus cyperinus</i> )	<b>MOIST</b>	FP		3-5'	Large fuzzy seed head	
Sweet Grass ( <i>Hierochloa odorata</i> )		FP		1-2'	Low growing/Lush green color/Pleasant sweet scent	
Big Bluestem ( <i>Andropogon gerardii</i> )		F		2.5-5'	Red-bronze color/Also known as "Turkey Foot"	
Virginia Wild Rye ( <i>Elymus virginicus</i> )		FPS		2-4'	Grows in clusters/Early seed head/Tolerates shade	
Little Bluestem ( <i>Schizachyrium scoparium</i> )		<b>DRY</b>		FP	1-2.5'	Red-bronze color in fall/Fluffy seed head
Canada Wild Rye ( <i>Elymus canadensis</i> )				F	3-5'	Drought tolerant/Large and unique seed head

\*F = full sun, P = partial sun, S = shade tolerant