



**Wetland Banking  
MNL Emergent Mix**

Total Acres:	1.00
Native Lbs/ac:	6.00
Total PLS lbs:	6.00

8740 77th Street NE Otsego, MN 55362

	Scientific Name	Common Name	% of Mix	PLS lbs/ac	Total PLS lbs	Wetland Indicator Status
<b>Grasses:</b>	Beckmannia syzigachne	American Slough Grass	15.00	0.90	0.90	OBL
	Calamagrostis canadensis	Blue-Joint Grass	3.00	0.18	0.18	OBL
	Glyceria grandis	Reed Manna Grass	5.00	0.30	0.30	OBL
	Leersia oryzoides	Rice Cut Grass	3.00	0.18	0.18	OBL
<b>Sedges/Rushes:</b>	Carex comosa	Bottlebrush Sedge	12.00	0.72	0.72	OBL
	Carex hystericina	Porcupine Sedge	2.00	0.12	0.12	OBL
	Carex retrorsa	Knotsheath Sedge	2.00	0.12	0.12	OBL
	Carex scoparia	Broom Sedge	7.00	0.42	0.42	OBL
	Carex vulpinoidea	Fox Sedge	5.00	0.30	0.30	OBL
	Schoenoplectus tabernaemontani	Softstem Bulrush	3.00	0.18	0.18	OBL
	Scirpus atrovirens	Green Bulrush	6.00	0.36	0.36	OBL
	Scirpus cyperinus	Woolgrass	2.00	0.12	0.12	OBL
<b>Forbs:</b>	Acorus americanus	Sweet Flag	7.00	0.42	0.42	OBL
	Alisma subcordatum	American Water Plantain	6.00	0.36	0.36	OBL
	Asclepias incarnata	Marsh Milkweed	1.75	0.11	0.11	OBL
	Eupatorium perfoliatum	Boneset	1.50	0.09	0.09	OBL
	Eutrochium maculatum	Joe-Pye Weed	1.50	0.09	0.09	OBL
	Iris versicolor	Blue Flag Iris	6.00	0.36	0.36	OBL
	Mimulus ringens	Monkey Flower	0.25	0.02	0.02	OBL
	Sagittaria latifolia	Common Arrowhead	2.00	0.12	0.12	OBL
	Sparganium eurycarpum	Giant Burreed	9.00	0.54	0.54	OBL
			100.00	6.00		

\*\*Cover Crop added to all mixes (Oats or Winter Wheat based on timing of seeding).



**Wetland Banking  
MNL Emergent RCG Mix  
Clethodim/Sethoxydim Resistant Mix  
For Reed Canary Grass Control**

Total Acres:	1.00
Native Lbs/ac:	6.00
Total PLS lbs:	6.00

8740 77th Street NE Otsego, MN 55362

	Scientific Name	Common Name	% of Mix	PLS lbs/ac	Total PLS lbs	Wetland Indicator Status
<b>Grasses:</b>	Beckmannia syzigachne	American Slough Grass	16.00	0.96	0.96	OBL
<b>Sedges/Rushes:</b>	Carex comosa	Bottlebrush Sedge	13.00	0.78	0.78	OBL
	Carex hystericina	Porcupine Sedge	3.00	0.18	0.18	OBL
	Carex retrorsa	Knotsheath Sedge	2.00	0.12	0.12	OBL
	Carex scoparia	Broom Sedge	5.00	0.30	0.30	OBL
	Carex stipata	Common Fox Sedge	5.00	0.30	0.30	OBL
	Carex vulpinoidea	Fox Sedge	5.00	0.30	0.30	OBL
	Schoenoplectus tabernaemontani	Softstem Bulrush	3.00	0.18	0.18	OBL
	Scirpus atrovirens	Green Bulrush	9.00	0.54	0.54	OBL
	Scirpus cyperinus	Woolgrass	4.00	0.24	0.24	OBL
<b>Forbs:</b>	Acorus americanus	Sweet Flag	7.00	0.42	0.42	OBL
	Alisma subcordatum	American Water Plantain	6.00	0.36	0.36	OBL
	Asclepias incarnata	Marsh Milkweed	1.75	0.11	0.11	OBL
	Eupatorium perfoliatum	Boneset	1.50	0.09	0.09	OBL
	Eutrochium maculatum	Joe-Pye Weed	1.50	0.09	0.09	OBL
	Iris versicolor	Blue Flag Iris	6.00	0.36	0.36	OBL
	Mimulus ringens	Monkey Flower	0.25	0.02	0.02	OBL
	Sagittaria latifolia	Common Arrowhead	2.00	0.12	0.12	OBL
	Sparganium eurycarpum	Giant Burreed	9.00	0.54	0.54	OBL
			100.00	6.00		

\*\*Cover Crop added to all mixes (Oats or Winter Wheat based on timing of seeding).



**Wetland Banking**  
**MNL Wetland Edge/Transition Mix**

Total Acres:	1.00
Native Lbs/ac:	9.00
Total PLS lbs:	9.00

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	Scientific Name	Common Name	% of Mix	PLS lbs/ac	Total PLS lbs	Wetland Indicator Status
<b>Grasses:</b>	Beckmannia syzigachne	American Slough Grass	12.00	1.08	1.08	OBL
	Calamagrostis canadensis	Blue-Joint Grass	1.00	0.09	0.09	OBL
	Elymus virginicus	Virginia Wild Rye	20.00	1.80	1.80	FACW
	Glyceria grandis	Reed Manna Grass	4.00	0.36	0.36	OBL
	Panicum virgatum	Switchgrass	5.00	0.45	0.45	FAC
	Poa palustris	Fowl Bluegrass	12.00	1.08	1.08	FACW
	Spartina pectinata	Prairie Cord Grass	5.00	0.45	0.45	FACW
<b>Sedges/Rushes:</b>	Carex scoparia	Broom Sedge	4.00	0.36	0.36	OBL
	Carex vulpinoidea	Fox Sedge	4.00	0.36	0.36	OBL/FACW
	Juncus dudleyi	Dudley's Rush	0.25	0.02	0.02	FACW
	Scirpus atrovirens	Green Bulrush	1.25	0.11	0.11	OBL
	Scirpus cyperinus	Woolgrass	1.50	0.14	0.14	OBL
<b>Forbs:</b>	Anemone canadensis	Canada Anemone	1.00	0.09	0.09	FACW
	Asclepias incarnata	Marsh Milkweed	3.50	0.32	0.32	OBL
	Desmodium canadense	Canada Tick Trefoil	1.75	0.16	0.16	FAC/FACU
	Doellingeria umbellata	Flat-topped Aster	1.00	0.09	0.09	FACW
	Eutrochium maculatum	Joe-Pye Weed	2.00	0.18	0.18	OBL
	Helenium autumnale	Sneezeweed	0.50	0.05	0.05	FACW
	Iris versicolor	Blue Flag Iris	2.50	0.23	0.23	OBL
	Liatris pycnostachya	Prairie Blazing Star	2.00	0.18	0.18	FAC
	Lobelia siphilitica	Great Blue Lobelia	0.50	0.05	0.05	OBL
	Mimulus ringens	Monkey Flower	0.50	0.05	0.05	OBL
	Pedicularis lanceolata	Marsh Betony	2.00	0.18	0.18	OBL
	Pycnanthemum virginianum	Mountain Mint	0.50	0.05	0.05	FACW
	Solidago riddellii	Riddell's Goldenrod	2.00	0.18	0.18	OBL
	Symphotrichum novae-angliae	New England Aster	3.00	0.27	0.27	FACW
	Thalictrum dasycarpum	Purple Meadow Rue	1.00	0.09	0.09	FACW
	Verbena hastata	Blue Vervain	6.00	0.54	0.54	FACW
Veronicastrum virginicum	Culvers's Root	0.25	0.02	0.02	FAC	
			100.00	9.00		

\*\*Cover Crop added to all mixes (Oats or Winter Wheat based on timing of seeding).



**Wetland Banking**  
**MNL Wetland Edge/Transition Mix**  
**Clethodim/Sethoxydim Resistant Mix**  
**For Reed Canary Grass Control**

Total Acres:	1.00
Native Lbs/ac:	9.00
Total PLS lbs:	9.00

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	Scientific Name	Common Name	% of Mix	PLS lbs/ac	Total PLS lbs	Wetland Indicator Status
<b>Grasses:</b>	Beckmannia syzigachne	American Slough Grass	16.00	1.44	1.44	OBL
	Spartina pectinata	Prairie Cord Grass	9.00	0.81	0.81	FACW
<b>Sedges/Rushes:</b>	Carex comosa	Bottlebrush Sedge	12.00	1.08	1.08	OBL
	Carex retrorsa	Knotsheath Sedge	3.50	0.32	0.32	OBL
	Carex scoparia	Broom Sedge	7.00	0.63	0.63	OBL
	Carex vulpinoidea	Fox Sedge	6.00	0.54	0.54	OBL/FACW
	Juncus dudleyi	Dudley's Rush	0.50	0.05	0.05	FACW
	Scirpus atrovirens	Green Bulrush	12.00	1.08	1.08	OBL
	Scirpus cyperinus	Woolgrass	4.00	0.36	0.36	OBL
<b>Forbs:</b>	Anemone canadensis	Canada Anemone	1.00	0.09	0.09	FACW
	Asclepias incarnata	Marsh Milkweed	3.50	0.32	0.32	OBL
	Desmodium canadense	Canada Tick Trefoil	1.75	0.16	0.16	FAC/FACU
	Doellingeria umbellata	Flat-topped Aster	1.00	0.09	0.09	FACW
	Eutrochium maculatum	Joe-Pye Weed	2.00	0.18	0.18	OBL
	Helenium autumnale	Sneezeweed	0.50	0.05	0.05	FACW
	Iris versicolor	Blue Flag Iris	2.50	0.23	0.23	OBL
	Liatris pycnostachya	Prairie Blazing Star	2.00	0.18	0.18	FAC
	Lobelia siphilitica	Great Blue Lobelia	0.50	0.05	0.05	OBL
	Mimulus ringens	Monkey Flower	0.50	0.05	0.05	OBL
	Pedicularis lanceolata	Marsh Betony	2.00	0.18	0.18	OBL
	Pycnanthemum virginianum	Mountain Mint	0.50	0.05	0.05	FACW
	Solidago riddellii	Riddell's Goldenrod	2.00	0.18	0.18	OBL
	Symphyotrichum novae-angliae	New England Aster	3.00	0.27	0.27	FACW
	Thalictrum dasycarpum	Purple Meadow Rue	1.00	0.09	0.09	FACW
	Verbena hastata	Blue Vervain	6.00	0.54	0.54	FACW
	Veronicastrum virginicum	Culvers's Root	0.25	0.02	0.02	FAC
			100.00	9.00		

\*\*Cover Crop added to all mixes (Oats or Winter Wheat based on timing of seeding).



**Wetland Banking  
MNL Mesic Buffer Mix**

Total Acres:	1.00
Native Lbs/ac:	12.00
Total PLS lbs:	12.00

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	Scientific Name	Common Name	% of Mix	PLS lbs/ac	Total PLS lbs	Wetland Indicator Status
<b>Grasses:</b>	Andropogon gerardii	Big Bluestem	14.00	1.68	1.68	FAC
	Bromus ciliatus	Fringed Brome	6.00	0.72	0.72	FACW
	Elymus virginicus	Virginia Wild Rye	22.00	2.64	2.64	FACW
	Panicum virgatum	Switchgrass	8.00	0.96	0.96	FAC
	Sorghastrum nutans	Indian Grass	13.00	1.56	1.56	FACU
	Spartina pectinata	Prairie Cord Grass	12.00	1.44	1.44	FACW
<b>Forbs:</b>	Agastache foeniculum	Fragrant Giant Hyssop	1.00	0.12	0.12	FACU
	Asclepias syriaca	Common Milkweed	1.50	0.18	0.18	FACU
	Asclepias incarnata	Marsh Milkweed	4.00	0.48	0.48	OBL
	Dalea candida	White Prairie Clover	1.00	0.12	0.12	FACU
	Dalea purpureum	Purple Prairie Clover	1.00	0.12	0.12	FACU
	Desmodium canadense	Canada Tick Trefoil	4.00	0.48	0.48	FAC/FACU
	Heliopsis helianthoides	Common Ox-Eye	1.00	0.12	0.12	FACU
	Liatris pycnostachya	Prairie Blazing Star	2.00	0.24	0.24	FAC
	Monarda fistulosa	Wild Bergamot	1.00	0.12	0.12	FACU
	Pycnanthemum virginianum	Mountain Mint	0.50	0.06	0.06	FACW
	Ratibida pinnata	Yellow Coneflower	0.50	0.06	0.06	FACU
	Rudbeckia hirta	Black Eyed Susan	1.00	0.12	0.12	FACU
	Solidago rigida	Stiff Goldenrod	1.00	0.12	0.12	FACU
	Symphotrichum novae-angliae	New England Aster	1.00	0.12	0.12	FACW
	Thalictrum dasycarpum	Purple Meadow Rue	0.50	0.06	0.06	FACW
	Verbena hastata	Blue Vervain	3.00	0.36	0.36	FACW
Zizia aurea	Golden Alexanders	1.00	0.12	0.12	FAC	
			100.00	12.00		

\*\*Cover Crop added to all mixes (Oats or Winter Wheat based on timing of seeding).