

Planting 67 – Sand Farm Walnut Wash and Wetland – 2006

Description: The plantings are located in the NW 40 acres of the Sand Farm. The first is the 6 acres area formerly know as trash gully now called walnut wash and the 5 acre field just to the north of it that is quite wet. See map

History: Walnut wash was cleared of most of the trees (silver maple, cherry, box elder etc.) during the summer of 2006. We left many walnuts, a few cottonwoods, cherries. several young oaks and dogwoods. This area was once known as trash gully for the piles of debris that were dumped there. Those piles were buried in 2001.

The wet field just to the north was once farmed many years ago and since then willows and cotton woods have resprotouted. The field was sprayed with roundup once during the spring of 2006 but it was determined that we would not spary again since nice wet plants were found in the area. All of the hand collected seed and a barrel of wet combined mix were planted using the Vicon pendulum seed spreader during December 2006.

Planting Description:

Walnut Wash: 6 acres of dry mesic hardy mix (with many species found in the nearby sand farm plantings) was applied to the walnut wash area, both by hand and using the Vicon pendulum seed spreader. December 2006

Wet Area: 5 acres - All of the hand collected seed and a barrel of wet combined mix were planted using the Vicon pendulum seed spreader and Kubota tractor during December 2006.

Seed Mix:

2006 Sand Farm Walnut Wash - Combine Mix*

		FORB		TALL GRASS		
MIX	ACRES	RATE #s/AC	TOTAL #s	RATE #s/AC	TOTAL #s	TOTAL
DRY MESIC HARDY	6	16.67	100	6.5	39	139
WET	5	44.25	221	6.5	32.5	254
					71.5	393

Dry Mesic Hardy Mix included combined mixes from the sand farm and HQ plantings and left over hardy plants like, penstemon, monarda, false bonset, yellow coneflower, blackeyed susans, etc.

WET MIX Included:

SCIENTIFIC NAME	COMMON NAME	Wet lbs
Actinomeris (Verbesina) alternifolia	Wingstem	2.875
Agastache scrophulariaefolia	Purple Giant Hyssop	0.1
Agrimonia parviflora	Swamp Agrimony	0.15

<i>Allium cernuum</i>	Nodding Wild Onion	0.35
<i>Amorpha fruticosa</i>	Indigo Bush	0.45
<i>Anemone canadensis</i>	Meadow Anemone	0.27
<i>Angelica grandifolia</i>	Great Angelica	0.36
<i>Asclepias incarnata</i>	Swamp Milkweed	0.65
<i>Aster umbellatus</i>	Flat-topped Aster	0.1875
<i>Baptisia leucantha</i>	White Wild Indigo	9.51
<i>Bidens comosa</i> (tripartia)	Swamp Tickseed	0.05
<i>Cacalia plantaginea</i> (tuberosa)	Indian Plantain	0.6
<i>Cacalia suaveolens</i>	Sweet-scented Indian Plantain	4.65
<i>Carex stricta</i>	Tussock Sedge	0.8
<i>Cassia fasciculata</i>	Partridge Pea	0.0625
<i>Chelone glabra</i>	Turtlehead	0.05
<i>Cirsium muticum</i>	Swamp Thistle	0.55
<i>Clematis virginiana</i>	Virgin's Bower	0.1
<i>Coreopsis tripteris</i>	Tall Coreopsis	0.6
<i>Elymus canadensis</i>	Prairie Wild Rye	1.395
<i>Elymus villosus</i>	Silky Wild Rye	0.2
<i>Eryngium yuccifolium</i>	Rattlesnake Master	1.196
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	5.625
<i>Eupatorium perfoliatum</i>	Boneset	0.315
<i>Gentiana</i> (alba) <i>flavida</i>	Cream Gentian	0.225
<i>Gentiana</i> (<i>Gentianopsis</i>) <i>crinita</i>	Fringed Gentian	0.35
<i>Hibiscus palustris</i>	Swamp Rose Mallow	0.2
<i>Hypericum pyramidatum</i>	Great St. Johnswort	5.358
<i>Hypoxis hirsuta</i>	Yellow Star Grass	0.05
<i>Liatis pycnostachya</i>	Tall Gayfeather; Prairie Blazing Star	2.2
<i>Monarda fistulosa</i>	Wild Bergamot	0.315
NUMBER OF SPECIES		56
<i>Onoclea sensibilis</i>	Sensitive Fern	0.1
<i>Panicum virgatum</i>	Prairie Switch Grass	0.05
<i>Parnassia glauca</i>	Grass of Parnassus	0.05
<i>Phytolacca americana</i>	Pokeweed	0.05
<i>Polemonium reptans</i>	Jacob's Ladder	0.01
PR Potholes Combie for Sand Farm Wetland		143.2
<i>Pycnanthemum virginianum</i>	Mountain mint (Prairie Hyssop)	5.225
<i>Rudbeckia hirta</i>	Black-eyed Susan	0.145
<i>Rudbeckia subtomentosa</i>	Sweet Blackeyed Susan	3.8
<i>Rumex orbiculatus</i>	Great Water dock	0.1
<i>Scirpus atrovirens</i>	Dark Green Rush	0.8
<i>Scirpus cyperinus</i>	Wool Grass	0.7
<i>Scrophularia marilandica</i>	Late Figwort	0.05
<i>Silphium perfoliatum</i>	Cup-plant	1.7125

Silphium terebinthaceum	Prairie Dock	0.1575
Solidago patula	Swamp Goldenrod	0.6
Spartina pectinata	Prairie Cord Grass	5.15
Spiraea alba	Meadowsweet	0.9
Stachys palustris homotricha	Woundwort	3.35
Teucrium canadense	American Germander (Wood Sage)	1.1
Verbena hastata	Blue Vervain	1.9975
Verbena urticifolia	Hairy White Vervain	1.2
Vernonia fasciculata	Common Ironweed	0.24
Veronicastrum virginicum	Culver's Root	5.01
Viola sagittata	Arrow-leaved violet	0.135
WET MIX		2.8
Zizia aurea	Golden Alexanders	3

Map:

