

Planting 71 – Bunkhouse Yard – 2006

Description: This area is 0.25-acres south of the bunkhouse. There are two mature burr oaks in about the middle of it.

History: we removed a Rail-road tie wall along the driveway by the bunkhouse. We used the bobcat machine to rip them out. We hauled in some dirt and sculpted that slope, and installed the cement block retaining wall. The previous owner had a retaining wall that was twice the height and allowed you to walk along the west side of the garage. It was bowing out and unstable. We also removed a Siberian elm around a bur oak then sprayed glyphosate on the lawn grass in the fall in November. BK sprayed it twice. We had a good brown out of the lawn including broadleaved plants. BK also harrowed the planting with the tractor and Furst harrow. Went over it several times. The dead sod was still mostly intact but BK felt the seed had a good place to land and grow. Time will tell. Bernie B and BK planted it by hand 12/16/06. Dry mix went in the sunny area and the Savanna went under the canopy of the oaks.

Rate:

2006 Bunkhouse lawn and wall removal – Dry & Savanna Initial seeding 12/16/06.

MIX	ACRES	FORB		GRASS*		TOTAL
		RATE #s/ac	TOTAL #s	RATE #s/ac	TOTAL #s	
DRY	0.125	40	5	6.5	0.8125	6
SAVANNA	0.125	40	5		0	5
	0	0	0	0	0	0

On 1/12/07, Overseeding of an additional 7.65 lbs of savanna mix over entire planting. Pushed in a few hundred hazelnuts on the south side of the two bur oaks.

Mixes: SAVANNA

SCIENTIFIC NAME	COMMON NAME	Savann lbs in total mix for all plantings, not for this one planting
Agastache scrophulariaefolia	Purple Giant Hyssop	0.8
Amorpha canescens	Leadplant	1.46
Amorpha fruticosa	Indigo Bush	0.15
Arisaema triphyllum (atrorubens)	Jack-in-the-Pulpit	0.1
Aster umbellatus	Flat-topped Aster	0.1875
Baptisia leucantha	White Wild Indigo	9.51
Cacalia atriplicifolia	Pale Indian Plantain	2.83
Carex pennsylvanica	Common Oak (Penn) Sedge	0.08

<i>Cinna arundinacea</i>	Common Wood Reed	1.5
<i>Crataegus</i> sp	Hawthorn	0.84
<i>Danthonia spicata</i>	Poverty Oat Grass	0.2275
<i>Dodecatheon meadia</i>	Shooting Star	0.82
<i>Elymus canadensis</i>	Prairie Wild Rye	1.395
<i>Elymus villosus</i>	Silky Wild Rye	1.8
<i>Eragrostis spectabilis</i>	Purple Love Grass	0.16
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	1.875
<i>Eupatorium purpureum</i>	Purple Joe-Pye Weed	0.25
<i>Festuca obtusa</i> (subverticillata)	Nodding Fescue	7.35
<i>Gnaphalium obtusifolium</i>	Sweet Everlasting (Old-Field Balsam)	0.05
<i>Helianthemum canadense</i>	Common Rockrose (Frostweed)	0.02
<i>Heuchera richardsonii grayana</i>	Rough Heuchera; Alum root	0.0285
<i>Hystrix patula</i> (<i>Elymus hystrix</i>)	Bottlebrush Grass	5.85
<i>Lechea villosa</i> (mucronata)	Hairy Pinweed	0.43
<i>Liatrix aspera</i>	Rough Blazing-star (Rough Gayfeather)	1.3475
<i>Lupinus perennis</i>	Wild Lupine	0.1
NUMBER OF SPECIES		43
<i>Panicum virgatum</i>	Prairie Switch Grass	0.05
<i>Physocarpus opulifolius</i>	Ninebark	0.85
<i>Phytolacca americana</i>	Pokeweed	0.05
<i>Polemonium reptans</i>	Jacob's Ladder	0.09
<i>Prunus americana</i>	Wild Plum	0.06
<i>Quercus macrocarpa</i>	Bur Oak	0.1
<i>Rudbeckia hirta</i>	Black-eyed Susan	0.145
<i>Ruellia humilis</i>	Wild Petunia	0.05
<i>Scrophularia lanceolata</i>	Early figwort	4.3
<i>Scrophularia marilandica</i>	Late Figwort	0.045
<i>Silene antirrhina</i>	Sleepy Catchfly	0.3
<i>Silene stellata</i>	Starry Champion	0.1
<i>Solidago speciosa</i>	Showy Goldenrod	0.35
<i>Sporobolus heterolepis</i>	Prairie Dropseed	0.07
<i>Tephrosia virginiana</i>	Goat's Rue	0.245
<i>Tradescantia ohiensis</i>	Ohio Spiderwort	2.08
<i>Wulfenia bullii</i> *** (<i>Besseyia</i>)	Kittentails	1.845
<i>Zizia aurea</i>	Golden Alexanders	3

DRY MIX

SCIENTIFIC NAME	COMMON NAME	Dry lbs
<i>Agrostis hymenalis</i>	Tickle Grass	0.18
<i>Allium cernuum</i>	Nodding Wild Onion	0.175
<i>Amelanchier humilis</i>	Serviceberry	0.3
<i>Amorpha canescens</i>	Leadplant	7.3

<i>Anemone cylindrica</i>	Thimbleweed	2.6
<i>Anemone patens</i> (Pulsatilla p.)	Pasque Flower	0.1
<i>Antennaria neglecta</i>	Field Cat's Foot	2.4
<i>Antennaria plantaginifolia</i>	Pussy Toes (Everlasting)	3.36
<i>Aristida purpurascens</i>	Arrow Feather	1.47
<i>Aronia</i> (Pyrus) <i>prunifolia</i> (melanocarpa)	Black Chokeberry	0.2
<i>Artemisia caudata</i> (campestris)	Beach Wormwood	5.5275
<i>Asclepias amplexicaulis</i>	Sand Milkweed	0.05
<i>Asclepias syriaca</i>	Common Milkweed	0.03
<i>Asclepias verticillata</i>	Whorled Milkweed	1.04
<i>Aster azureus</i> (oolentangiensis)	Sky-blue Aster	3.05
<i>Aster ericoides</i> (prostratus)	Heath Aster	4.59
<i>Aster linariifolius</i>	Stiff Aster (Flax-Leaved)	0.15
<i>Aster oblongifolius</i>	Aromatic Aster	0.09
<i>Aster pilosus</i>	Hairy Aster	0.1
<i>Aster sericeus</i>	Silky Aster	0.72
<i>Aster umbellatus</i>	Flat-topped Aster	0.1875
<i>Astragalus canadensis</i>	Canadian Milk Vetch	5
<i>Baptisia leucantha</i>	White Wild Indigo	38.04
<i>Baptisia leucophaea</i>	Cream Wild Indigo	16.995
Bills Mesic mix		1.225
<i>Bouteloua curtipendula</i>	Side-Oats Grama	14
<i>Bouteloua hirsuta</i>	Hairy Grama	0.2
<i>Cacalia atriplicifolia</i>	Pale Indian Plantain	1.415
<i>Carex bicknellii</i>	Copper-shouldered oval Sedge	8.1
<i>Carex muhlenbergii</i> (enervis)	Sand Bracted Sedge (Muhlenberg's)	1.4
<i>Carex pennsylvanica</i>	Common Oak (Penn) Sedge	0.06
<i>Cassia fasciculata</i>	Partridge Pea	0.0625
<i>Castilleja sessiliflora</i> **	Downy Yellow Painted Cup	0.8
<i>Ceanothus americanus</i>	New Jersey Tea	0.75
<i>Chrysopsis camporum</i> (Heterotheca)	Golden Prairie Aster	0.4
<i>Cirsium hillii</i> *** (pumilum)	Hill's Thistle	0.35
<i>Comandra umbellata</i> (richardsiana)	False Toadflax	0.5
<i>Coreopsis lanceolata</i>	Sand Coreopsis	0.36
<i>Coreopsis palmata</i>	Prairie Coreopsis	1.8
<i>Coreopsis tripteris</i>	Tall Coreopsis	0.3
<i>Crataegus</i> sp	Hawthorn	0.105
<i>Cyperus filiculmis</i>	Slender Sand Sedge	0.585
<i>Danthonia spicata</i>	Poverty Oat Grass	4.3225
<i>Desmodium illinoense</i>	Ill. Tick Trefoil	1.325
<i>Dodecatheon meadia</i>	Shooting Star	4.92
Dougs mix		1.3
dry mesic mix		2.82

dry mix		1
<i>Echinacea pallida</i>	Pale Purple Coneflower	58.45
<i>Elymus canadensis</i>	Prairie Wild Rye	12.555
<i>Eragrostis spectabilis</i>	Purple Love Grass	0.8
<i>Erigeron strigosus</i>	Daisy Fleabane	0.6
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.184
<i>Eupatorium altissimum</i>	Tall Boneset	1.75
<i>Euphorbia corollata</i>	Flowering Spurge	5.75
<i>Gentiana purberulenta</i>	Prairie Gentian	0.05
<i>Geum triflorum</i>	Prairie Smoke (Long-plumed Purple Avens)	0.07
<i>Gnaphalium obtusifolium</i>	Sweet Everlasting (Old-Field Balsam)	0.7
<i>Helianthemum canadense</i>	Common Rockrose (Frostweed)	0.26
<i>Helianthus occidentalis</i>	Western Sunflower; Naked S.	0.09
<i>Heliopsis helianthoides</i>	False Sunflower; " Ox-eye "	0.275
<i>Heuchera richardsonii grayana</i>	Rough Heuchera; Alum root	0.2565
<i>Hieracium gronovii</i>	Hairy Hawkweed	0.315
<i>Hypericum spaerocarpum</i>	Round-fruited St. Johnswort	0.1
<i>Hypoxis hirsuta</i>	Yellow Star Grass	0.05
<i>Juncus interior</i>	Inland Rush	1.98
<i>Koeleria cristata (macrantha)</i>	Prairie June Grass - 54.65	37.225
<i>Krigia virginica</i>	Dwarf Dandelion	0.2
<i>Kuhnia (Brickellia) eupatoroides corymbulosa</i>	False Boneset	0.75
<i>Lechea stricta</i>	Bushy Pinweed	0.42
<i>Lechea tenuifolia</i>	Slender-Leaved Pinweed	2.375
<i>Lechea villosa (mucronata)</i>	Hairy Pinweed	0.86
<i>Leptoloma cognatum</i>	Fall Witch Grass	1.89
<i>Lespedeza capitata --</i>	Round-headed Bush Clover	7.625
<i>Liatris aspera</i>	Rough Blazing-star (Rough Gayfeather)	17.5175
<i>Liatris cylindracea</i>	Dwarf Blazingstar	0.4
<i>Linaria canadensis</i>	Blue Toadflax	0.1
<i>Linum sulcatum</i>	Groved Yellow Flax	0.525
<i>Lithospermum canescens</i>	Hoary Puccoon	0.5
<i>Lithospermum incisum</i>	Fringed (Narrow-leaved) Puccoon	0.475
<i>Lobelia spicata</i>	Pale-spike Lobelia	0.1
<i>Lupinus perennis</i>	Wild Lupine	0.2
<i>Lysimachia lanceolata</i>	Lance-Leaved Loosestrife	0.025
Mesic mix		0.975
<i>Monarda fistulosa</i>	Wild Bergamot	0.63
<i>Monarda punctata villicualis</i>	Horse Mint	0.075
NUMBER OF SPECIES		127
<i>Oenothera biennis canescens</i>	Common Evening Primrose	0.025
<i>Oenothera clelandii (rhombipetala)</i>	Sand Evening Primrose	0.14
<i>Onosmodium hispidissimum</i>	Marbleseed	0.425

Oxalis violacea	Violet Wood-sorrel	0.12
Panicum oligosanthos scribneria	Scribner's Panic Grass	11.375
Panicum virgatum	Prairie Switch Grass	0.15
Parthenium integrifolium	Wild Quinine (Feverfew)	10.975
Paspalum ciliatifolium muhlenbergii	Hairy Lens Grass	0.4
Penstemon digitalis	Foxglove Beardtongue	0.58
Penstemon hirsutus	Hairy Beard tongue	0.595
Petalostemum (Dalea) candidum	White Prairie Clover	0.178
Petalostemum (Dalea) purpureum	Purple Prairie Clover	8.25
Physocarpus opulifolius	Ninebark	0.1
Phytolacca americana	Pokeweed	0.05
Polygala polygama obtusata	Purple Milkwort	0.025
Polygala sanguinea	Field Milkwort	0.1
Potentilla arguta	Prairie Cinquefoil	10.92
Prunus americana	Wild Plum	0.12
Pycnanthemum virginianum	Mountain mint (Prairie Hyssop)	1.045
Ratibida pinnata	Yellow Coneflower	0.74
Rosa carolina	Pasture Rose	7.175
Rudbeckia hirta	Black-eyed Susan	1.305
Ruellia humilis	Wild Petunia	0.05
Scutellaria parvula leonardi	Small Skullcap	0.2
Selaginella rupestris	Sand Club moss	0.1
Senecio pauperculus	Balsam Ragwort	0.13
Silphium integrifolium deamii	Rosinweed	3.92
Silphium laciniatum	Compass plant	8.3
Sisyrinchium albidum	Common Blue-eyed Grass	0.63
Solidago (Euthamia) graminifolia nuttallii	Grass-leaved Goldenrod	4.8
Solidago missouriensis fasciculata	Missouri Goldenrod	5.25
Solidago nemoralis	Gray Goldenrod; Oldfield	4.1
Solidago speciosa	Showy Goldenrod	1.75
Sorghastrum nutans	Indian Grass	0.04
Specularia (Triodanis) perfoliata	Venus' Looking Glass	0.15
Sporobolus heterolepis	Prairie Dropseed	0.63
Stipa spartea	Porcupine Grass	2
Talinum rugospermum ***	Sand Fameflower	0.1
TCP - Aster mix		3.1
Tephrosia virginiana	Goat's Rue	1.225
Tradescantia ohiensis	Ohio Spiderwort	9.36
Triosteum perfoliatum	Horse Gentian (Feverwort)(Tinker's Weed)	1.825
Verbena stricta	Hoary Vervain	2.175
Viola pedata lineariloba	Birdsfoot Violet	0.12
Wulfenia bullii *** (Besseyia)	Kittentails	0.205
Zizia aptera	Heart-leaved Meadow Parsnip	0.525

See 2006 seed collection folder or data file for sp in each mix
Found in Z:\Stewardship\SEEDS\seed harvest\2006

