

# Shaw Nature Reserve Wetland Mitigation Bank

## Wet to Mesic Prairie Species List

South side of river. Acreage: 32

Mervins Rate/ac. Mix/acre Actual

### Grasses and Sedges

|  |                  |    |    |     |
|--|------------------|----|----|-----|
| <i>Andropogon gerardii</i>   | big bluestem     | 9  | 20 | 688 |
| <i>Carex (James upland mix)</i>  |                  |    | 4  | 136 |
| <i>Carex (Frank Oberle mix: C. bushii, C. vulp, C. frank, C. lupulina, C. short, C. normalis, C. crist, Penstemon dig, Scirp. Atro. S. cyp.)</i> |                  |    |    | 160 |
| <i>C. crinita</i>  |                  |    |    | 2   |
| <i>C. hystericina</i>  |                  |    |    | 2   |
| <i>C. lurida</i>   |                  |    |    | 2   |
| <i>C. molesta</i>  |                  |    |    | 2   |
| <i>C. shortiana</i>  |                  |    |    | 2   |
| <i>C. squarrosa</i>  |                  |    |    | 26  |
| <i>C. vulpinoidea</i>  |                  |    |    | 32  |
| <i>Elymus Canadensis</i>   | Canada wild rye  | 17 | 15 | 248 |
| <i>Panicum virgatum</i>  | switch grass     | 4  | 4  | 128 |
| <i>Schizachyrium scoparium</i>   | little bluestem  | 10 |    | 240 |
| <i>Sorghastrum nutans</i>  | Indian grass     | 9  | 6  | 68  |
| <i>Sporobolus heterolepis</i>  | prairie dropseed | 10 |    | 120 |

**total weight**

**1,856 oz. (116 lbs.)**

### Forbs

|                                |                       |     |     |     |
|--------------------------------|-----------------------|-----|-----|-----|
| <i>Amsonia illustris</i>       | shining bluestar      | 2   | 4   | 120 |
| <i>Agalinus tenuifolius</i>    | slender gerardia      | .66 | .5  | 19  |
| <i>Asclepias syriaca</i>       | common milkweed       | 4   | 4   | 20  |
| <i>Aster novae-angliae</i>     | New England aster     | .5  | 8   | 140 |
| <i>Baptisia alba</i>           | white false indigo    | 6   | 6   | 192 |
| <i>Camaecrista fasciculata</i> | partridge pea         | 3   | 2   | 46  |
| <i>Coreopsis lanceolata</i>    |                       | 3   | 3   | 96  |
| <i>Coreopsis tinctoria</i>     |                       | .5  | .5  | 16  |
| <i>Coreopsis tripteris</i>     | tall coreopsis        | 4   | 4   | 128 |
| <i>Desmanthus illinoensis</i>  | Illinois bundleflower | 1   | .5  | 16  |
| <i>Eryngium yuccifolium</i>    | rattlesnake master    | 3   | 3   | 96  |
| <i>Grindelia lanceolata</i>    |                       | .5  | .5  | 16  |
| <i>Helenium autumnale</i>      | sneezeweed            | .66 | .66 | 20  |
| <i>Helianthus mollis</i>       |                       | .5  | .5  | 10  |
| <i>Heliopsis helianthoides</i> |                       | 4   | 2   | 11  |

|                                 |                              |      |     |     |
|---------------------------------|------------------------------|------|-----|-----|
| <i>Heuchera richardsonii</i>    |                              | .145 | .5  | 11  |
| <i>Lespedeza capitata</i>       | tall bush clover             | 3    | 3   | 96  |
| <i>Liatris pycnostachya</i>     | prairie blazing star         | 3.5  | 8   | 256 |
| <i>Monarda fistulosa</i>        | wild bergamot                | .33  | .5  | 18  |
| <i>Penstemon digitalis</i>      |                              | .33  | .5  | 16  |
| <i>Pycnanthemum tenuifolium</i> | slender mountain mint        | .1   | .5  | 16  |
| <i>P. pilosum</i>               |                              | .1   | .5  | 12  |
| <i>Ratibida pinnata</i>         | gray-head prairie coneflower | .66  | .66 | 20  |
| <i>Rudbeckia hirta</i>          | black-eyed-susan             | .5   | .5  | 16  |
| <i>R. subtomentosa</i>          | sweet coneflower             | .5   | .5  | 24  |
| <i>Silphium integrifolium</i>   | rosinweed                    | 4.5  | 1   | 32  |
| <i>Silphium laciniatum</i>      | compass plant                | 6    | 5   | 160 |
| <i>Solidago rigida</i>          | rigid goldenrod              | .5   | 3   | 96  |
| <i>Solidago speciosa</i>        | showy goldenrod              | .33  | 1   | 32  |
| <i>Tradescantia ohiensis</i>    | Ohio spiderwort              | 3    | 1   | 32  |
| <i>Verbesina helianthoides</i>  | yellow wingstem              | 3    | 3   | 85  |
| <i>Vernonia baldwinii</i>       | <i>Ironweed</i>              | .5   | 2   | 64  |
| <i>Veronicastrum virginicum</i> | culver's root                | .145 | .5  | 16  |
| <i>Zizia aurea</i>              |                              | 2.5  | 2   | 31  |

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**total weight**

**1,979 oz. (124 lbs.)**

Addendum:

|                                |         |
|--------------------------------|---------|
| <i>Bidens aristosa</i>         | 44 oz.  |
| <i>Chasmanthium latifolium</i> | 240 oz. |
| <i>Gentiana andrewsii</i>      | 2 oz.   |
| <i>Helianthus maximiliani</i>  | 5 oz.   |
| <i>H. strumosus</i>            | 1 oz.   |
| <i>Ludwigia alternifolia</i>   | 11 oz.  |
| <i>Oenothera biennis</i>       | 6.5 oz. |
| <i>Panicum anceps</i>          | 48 oz.  |
| <i>Scirpus atrovirens</i>      | 56 oz.  |
| <i>Senna marilandica</i>       | 11 oz.  |
| <i>Spartina pectinata</i>      | 38 oz.  |
| <i>Tridens strictus</i>        | 32 oz.  |
| <i>Tripsacum dactyloides</i>   | 3 oz.   |
| <i>Verbena hastata</i>         | 8 oz.   |

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Total weight

505.5 oz. (31.5 lbs.)

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**GRAND TOTAL WEIGHT (13 oz./gallon)**

**271.5 lbs.**

**Approx. Value.....\$125/lb.....65 species.....\$33,937.50**