

Stewardship Work Plan

The following tasks are planned for this stewardship challenge grant project:

- 1) June – October 2015:
 - a) Fence Removal (October 2015) (**Volunteers**)
 - b) Native Seed Harvest, Cleaning, and Mixing (June – October) (**Volunteers**)

- 2) November 2015 – February 2016:
 - a) Tree and Brush Removal (**Hired Contractor**)
 - b) Seedbed Preparation (**Volunteers**)
 - c) Frost Seeding of native grasses and forbes (**Volunteers**)

- 3) May – September 2016:
 - a) Address invasive species re-sprouts (May – August) (**Volunteers**)
 - b) Mowing weeds (May – August) (**Volunteers**)

This list of tasks is linked to the stewardship project map attached below. Please review the tasks listed here in conjunction with the map.

List of Species Planned for this Project
Forbs/shrubs/vines:

| Genus/species | Common Name | Amt | # Seeds | Cost | Volunteer Contribution |
|-------------------------------------|------------------------------|------------|----------------|-------------|-------------------------------|
| <i>Agalinis tenuifolia</i> | Purple False Foxglove | 1/2 oz | 400,000 | \$35.00 | |
| <i>Agastache scrophulariaefolia</i> | Purple Giant Hyssop | 1 oz | 93,000 | \$26.00 | |
| <i>Agoseris cuspidata</i> | Prairie Dandelion | 4 oz | 32,000 | \$320.00 | |
| <i>Allium stellatum</i> | Prairie Onion | 6 oz | 66,000 | \$90.00 | |
| <i>Amorpha canescens</i> | Leadplant | 1 lb 8 oz | 384,000 | \$345.00 | |
| <i>Anemone cylindrica</i> | Thimbleweed | 9 oz | 234,000 | | \$360.00 |
| <i>Anemone patens wolfgangia</i> | Pasque Flower | 2 oz | 36,000 | \$100.00 | |
| <i>Antennaria neglecta</i> | Cat's Foot | 1/4 oz | 68,750 | \$55.00 | |
| <i>Apocynum cannabinum</i> | Dogbane | 1 oz | 20,000 | | \$20.00 |
| <i>Aquilegia canadensis</i> | Wild Columbine | 2 oz | 76,000 | \$60.00 | |
| <i>Artemisia caudata</i> | Beach Wormwood | 1 1/2 oz | 375,000 | | \$16.50 |
| <i>Asclepias hirtella</i> | Tall Green Milkweed | 4 oz | 17,200 | \$320.00 | |
| <i>Asclepias incarnata</i> | Swamp Milkweed | 6 oz | 28,800 | | \$72.00 |
| <i>Asclepias sullivantii</i> | Prairie Milkweed | 2 oz | 9,000 | \$80.00 | |
| <i>Asclepias syriaca</i> | Common Milkweed | 6 oz | 24,000 | | \$48.00 |
| <i>Asclepias tuberosa</i> | Butterfly Weed | 12 oz | 51,600 | \$360.00 | |
| <i>Asclepias viridiflora</i> | Short Green Milkweed | 2 oz | 7,200 | \$284.00 | |
| <i>Asclepias verticillata</i> | Whorled Milkweed | 6 oz | 66,000 | | \$180.00 |
| <i>Aster azureus</i> | Sky Blue Aster | 6 oz | 480,000 | \$120.00 | |
| <i>Aster ericoides</i> | Heath Aster | 6 oz | 1,200,000 | | \$300.00 |
| <i>Aster laevis</i> | Smooth Blue Aster | 8 oz | 440,000 | | \$120.00 |
| <i>Aster novae angliae</i> | New England Aster | 6 oz | 396,000 | | \$120.00 |
| <i>Aster oblongifolius</i> | Aromatic Aster | 6 oz | 306,000 | \$180.00 | |
| <i>Aster ptarmicoides</i> | Stiff Aster | 3 oz | 192,000 | \$75.00 | |
| <i>Aster sericeus</i> | Silky Aster | 6 oz | 156,000 | \$240.00 | |
| <i>Astragalus canadensis</i> | Canada Milk Vetch | 1 lb | 272,000 | \$90.00 | |
| <i>Baptisia australis</i> | Blue Wild Indigo | 2 lbs | 48,000 | \$240.00 | |

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|--------------------------------|-------------------------------|-----------|-----------|----------|------------|
| <i>Baptisia bracteata</i> | Cream Wild Indigo | 3 oz | 4,200 | \$150.00 | |
| <i>Baptisia leucantha</i> | White Wild Indigo | 2 lbs | 54,400 | \$300.00 | |
| <i>Blephilia ciliata</i> | Ohio Horse Mint | 6 oz | 2,400,000 | | \$480.00 |
| <i>Cacalia atriplicifolia</i> | Pale Indian Plantain | 1 lb 8 oz | 144,000 | | \$230.00 |
| <i>Callirhoe triangulata</i> | Clustered Poppy Mallow | 3 oz | 12,000 | \$180.00 | |
| <i>Camassia scilloides</i> | Wild Hyacinth | 8 oz | 32,000 | \$120.00 | |
| <i>Campanula rotundifolia</i> | Harebell | 1/2 oz | 450,000 | | \$1,125.00 |
| <i>Cassia fasciculata</i> | Partridge Pea | 4 lbs | 172,800 | \$120.00 | |
| <i>Cassia hebecarpa</i> | Wild Senna | 2 lbs | 44,800 | | \$240.00 |
| <i>Castilleja coccinea</i> | Indian Paintbrush | 1 1/2 oz | 450,000 | \$305.00 | |
| <i>Castilleja sessiliflora</i> | Downy Painted Cup | 4 oz | 800,000 | \$200.00 | |
| <i>Ceanothus americanus</i> | New Jersey Tea | 5 oz | 38,000 | \$125.00 | |
| <i>Ceanothus ovatus</i> | Red Root | 4 oz | 40,000 | \$200.00 | |
| <i>Celastrus scandens</i> | Climbing Bittersweet | 4 oz | 7,200 | | \$80.00 |
| <i>Chrysopsis camporum</i> | Golden Aster | 11 oz | 209,000 | | \$440.00 |
| <i>Cirsium discolor</i> | Pasture Thistle | 1 oz | 6,400 | | \$40.00 |
| <i>Coreopsis lanceolata</i> | Sand Coreopsis | 2 lbs | 640,000 | \$150.00 | |
| <i>Coreopsis palmata</i> | Prairie Coreopsis | 10 oz | 100,000 | | \$400.00 |
| <i>Coreopsis tripteris</i> | Tall Coreopsis | 2 oz | 28,000 | | \$40.00 |
| <i>Corydalis sempervirens</i> | Pale Corydalis | 1 oz | 55,000 | \$120.00 | |
| <i>Dalea candida</i> | White Prairie Clover | 2 lbs | 608,000 | \$90.00 | |
| <i>Dalea foliosa</i> | Leafy Prairie Clover | 1 lb | 240,000 | \$375.00 | |
| <i>Dalea purpurea</i> | Purple Prairie Clover | 3 lbs | 720,000 | \$135.00 | |
| <i>Desmanthus illinoensis</i> | Illinois Bundleflower | 1 lb | 67,200 | | \$30.00 |
| <i>Desmodium canadense</i> | Showy Tick Trefoil | 2 lbs | 176,000 | | \$360.00 |
| <i>Desmodium illinoense</i> | Illinois Tick Trefoil | 2 lbs | 137,600 | | \$360.00 |
| <i>Dodecatheon meadia</i> | Shooting Star | 10 oz | 600,000 | | \$800.00 |
| <i>Echinacea pallida</i> | Pale Purple Coneflower | 2 lbs | 166,400 | \$360.00 | |
| <i>Echinacea purpurea</i> | Purple Coneflower | 2 lbs | 211,200 | \$60.00 | |
| <i>Eryngium yuccifolium</i> | Rattlesnake Master | 1 lb | 120,000 | \$90.00 | |
| <i>Euphorbia corollata</i> | Flowering Spurge | 1 oz | 8,000 | \$60.00 | |
| <i>Galium boreale</i> | Northern Bedstraw | 1 oz | 70,000 | | \$60.00 |

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|---------------------------------|--------------------------------------|---------|-----------|----------|-------------------|
| <i>Gentiana flavida</i> | Cream Gentian | 1 lb | 2,240,000 | | \$192.00 |
| <i>Gentiana puberulenta</i> | Prairie Gentian | | | | |
| <i>Gentiana quinquefolia</i> | Stiff Gentian | 1 oz | 180,000 | \$80.00 | |
| <i>Gnaphalium obtusifolium</i> | Old-field Balsam | 1 oz | 500,000 | | \$40.00 |
| <i>Geum triflorum</i> | Prairie Smoke | 1 oz | 27,000 | \$150.00 | |
| <i>Helianthus mollis</i> | Downy Sunflower | 4 oz | 28,000 | | \$120.00 |
| <i>Helianthus occidentalis</i> | Western Sunflower | 6 oz | 84,000 | \$240.00 | |
| <i>Heliopsis helianthoides</i> | False Sunflower | 1 lb | 100,800 | \$45.00 | |
| <i>Heuchera richardsonii</i> | Prairie Alum Root | 2 oz | 1,400,000 | \$100.00 | |
| <i>Hieracium canadense</i> | | | | | |
| <i>fasciculatum</i> | Canada Hawkweed | 1 oz | 90,000 | | \$40.00 |
| <i>Hieracium longipilum</i> | Long-bearded Hawkweed | 3 oz | 270,000 | | \$120.00 |
| | Round-fruited St. John's Wort | 1 oz | 34,000 | \$60.00 | |
| <i>Hypericum sphaerocarpum</i> | Yellow Star Grass | 1 oz | 80,000 | | \$2,000.00 |
| <i>Hypoxis hirsuta</i> | | | | | |
| <i>Kuhnia eupatorioides</i> | | | | | |
| <i>corymbulosa</i> | False Boneset | 4 oz | 128,000 | | \$40.00 |
| <i>Lathyrus venosus</i> | Veiny Pea | 2 oz | 1,540 | \$120.00 | \$20.00 |
| <i>Lespedeza capitata</i> | Round Headed Bush Clover | 6 oz | 48,000 | \$72.00 | |
| <i>Lespedeza virginica</i> | Slender Bush Clover | 3 oz | 30,000 | \$36.00 | |
| <i>Liatris aspera</i> | Rough Blazing Star | 6 oz | 96,000 | \$120.00 | |
| <i>Liatris cylindracea</i> | Dwarf Blazing Star | 3 oz | 42,000 | \$90.00 | |
| <i>Liatris pycnostachya</i> | Prairie Blazing Star | 3 oz | 33,000 | | \$45.00 |
| <i>Lobelia inflata</i> | Indian Tobacco | 1/2 oz | 250,000 | \$45.00 | |
| <i>Lobelia spicata</i> | Pale-spiked Lobelia | 1/2 oz | 450,000 | \$45.00 | |
| <i>Lupinus perennis</i> | Wild Lupine | 20 lbs | 352,000 | | \$6,000.00 |
| <i>Monarda fistulosa</i> | Wild Bergamot | 1 oz | 70,000 | | \$15.00 |
| <i>Oenothera biennis</i> | Common Evening Primrose | 1 oz | 90,000 | | \$6.00 |
| <i>Onosmodium hispidissimum</i> | Marbleseed | 3 oz | 4,500 | | \$30.00 |
| <i>Opuntia humifusa</i> | Eastern Prickly Pear | 8 oz | 11,200 | | \$200.00 |
| <i>Orbexilum onobrychis</i> | | | | | |
| (<i>psoralea</i>) | French Grass | 2 oz | 2,400 | \$50.00 | \$160.00 |
| <i>Oxalis violacea</i> | Violet Wood Sorrell | 15 pkts | 1,500 | \$37.50 | |

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|----------------------------------|-----------------------------------|----------|---------|----------|----------|
| <i>Parthenium integrifolium</i> | Wild Quinine | 8 oz | 56,000 | \$80.00 | |
| <i>Pedicularis canadensis</i> | Wood Betony | 2 oz | 66,000 | \$120.00 | |
| <i>Penstemon digitalis</i> | Foxglove Beard Tongue | 2 oz | 260,000 | \$12.00 | |
| <i>Penstemon grandiflorus</i> | Large-flowered Beardtongue | 8 oz | 112,000 | \$120.00 | |
| <i>Penstemon hirsutus</i> | Hairy Beard Tongue | 2 oz | 496,000 | \$50.00 | |
| <i>Penstemon pallidus</i> | Pale Beard Tongue | 2 oz | 360,000 | \$100.00 | |
| <i>Phlox pilosa</i> | Prairie Phlox | 1 oz | 19,000 | \$140.00 | |
| <i>Potentilla arguta</i> | Prairie Cinquefoil | 2 oz | 460,000 | | \$16.00 |
| <i>Prenanthes racemosa</i> | Rattlesnake Root | 2 oz | 40,000 | \$80.00 | |
| <i>Psoralea tenuiflora</i> | Scurfy Pea | 2 oz | 2,000 | \$100.00 | |
| <i>Pycnanthemum tenuifolium</i> | Slender Mountain Mint | 1/2 oz | 189,000 | \$19.50 | |
| <i>Ranunculus fascicularis</i> | Early Buttercup | 2 oz | 20,000 | | \$667.00 |
| <i>Ratibida pinnata</i> | Yellow Coneflower | 2 oz | 60,000 | | \$10.00 |
| <i>Rosa arkansana</i> | Prairie Wild Rose | 2 oz | 5,000 | \$50.00 | |
| <i>Rosa blanda</i> | Early Wild Rose | 4 oz | 10,400 | | \$80.00 |
| <i>Rosa carolina</i> | Pasture Rose | 6 oz | 15,000 | | \$180.00 |
| <i>Rosa setigera</i> | Illinois Rose | 4 oz | 15,200 | \$120.00 | |
| <i>Rudbeckia subtomentosa</i> | Sweet Black-eyed Susan | 2 1/2 oz | 107,500 | | \$21.20 |
| <i>Rudbeckia triloba</i> | Brown-eyed Susan | 2 oz | 68,000 | | \$12.00 |
| <i>Ruellia humilis</i> | Wild Petunia | 8 oz | 41,600 | \$240.00 | |
| <i>Scutellaria incana</i> | Hoary Skullcap | 1 oz | 17,000 | \$90.00 | |
| <i>Senecio plattensis</i> | Prairie Ragwort | 3 oz | 300,000 | | \$360.00 |
| <i>Silene regia</i> | Royal Catchfly | 6 oz | 138,000 | \$300.00 | |
| <i>Silene stellata</i> | Starry Campion | 4 oz | 120,000 | | \$240.00 |
| <i>Silphium integrifolium</i> | Rosin Weed | 8 oz | 9,600 | | \$64.00 |
| <i>Silphium laciniatum</i> | Compass Plant | 10 oz | 6,600 | | \$80.00 |
| <i>Silphium terebinthinaceum</i> | Prairie Dock | 6 oz | 6,000 | | \$120.00 |
| <i>Sisyrinchium albidum</i> | Common Blue-eyed Grass | 1 oz | 20,000 | \$150.00 | |
| <i>Sisyrinchium campestre</i> | Prairie Blue-eyed Grass | 4 oz | 180,000 | \$180.00 | |
| <i>Solidago graminifolia</i> | Grass-leaved Goldenrod | 1/4 oz | 87,500 | | \$15.00 |
| <i>Solidago rigida</i> | Stiff Goldenrod | 2 oz | 82,000 | | \$16.00 |
| <i>Solidago speciosa</i> | Showy Goldenrod | 2 oz | 190,000 | | \$30.00 |

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|---------------------------------|---------------------------------------|--------|-----------|----------|------------|
| <i>Strophostyles helvula</i> | Trailing Wild Bean | 3 oz | 1,200 | \$60.00 | |
| <i>Tephrosia virginiana</i> | Goat's Rue | 10 oz | 20,000 | \$250.00 | |
| <i>Teucrium canadense</i> | Germander | 2 oz | 40,000 | | \$20.00 |
| <i>Thalictrum dasycarpum</i> | Purple Meadow Rue | 3 oz | 33,000 | | \$45.00 |
| <i>Thaspium trifoliatum</i> | Meadow Parsnip | 4 oz | 36,000 | \$80.00 | |
| <i>Tradescantia bracteata</i> | Prairie Spiderwort | 8 oz | 80,000 | \$240.00 | |
| <i>Tradescantia ohiensis</i> | Common Spiderwort | 2 lbs | 256,000 | \$450.00 | |
| <i>Triosteum perfoliatum</i> | Late Horse Gentian | 10 oz | 4,500 | | \$200.00 |
| <i>Verbena stricta</i> | Hoary Vervain | 8 oz | 224,000 | | \$48.00 |
| <i>Veronicastrum virginicum</i> | Culver's Root | 1 oz | 800,000 | | \$50.00 |
| <i>Wulfenia bullii</i> | Kittentails | 1 oz | 80,000 | \$200.00 | |
| <i>Zizia aurea</i> | Golden Alexanders | 2 lbs | 352,000 | | \$180.00 |
| | Heart-leaved Golden Alexanders | 10 oz | 120,000 | \$150.00 | |
| <i>Zizia aptera</i> | 133 Forbs/shrubs/vines | | | | |
| Graminoides: | | | | | |
| <i>Andropogon gerardii</i> | Big Bluestem | 2 oz | 20,000 | | \$6.00 |
| <i>Andropogon scoparius</i> | Little Bluestem | 16 lbs | 3,840,000 | \$352.00 | |
| <i>Bouteloua curtipendula</i> | Sideoats Grama | 30 lbs | 2,880,000 | | \$540.00 |
| <i>Bouteloua hirsuta</i> | Hairy Grama | 1 oz | 70,000 | \$120.00 | |
| <i>Bromus kalmii</i> | Prairie Brome | 40 lbs | 5,120,000 | | \$2,400.00 |
| | Copper-shouldered Oval Sedge | 2 lbs | 544,000 | | \$640.00 |
| <i>Carex bicknellii</i> | Plains Oval Sedge | 2 lbs | 928,000 | | \$300.00 |
| <i>Carex brevior</i> | Long-awned Bracted Sedge | 5 oz | 60,000 | | \$300.00 |
| <i>Carex gravida</i> | Field Oval Sedge | 2 lbs | 800,000 | | \$360.00 |
| <i>Carex molesta</i> | Sand Bracted Sedge | 3 oz | 36,000 | \$60.00 | |
| <i>Carex muhlenbergii</i> | Slender Wheat Grass | 20 lbs | 2,208,000 | | \$200.00 |
| <i>Elymus trachycaulus</i> | June Grass | 10 oz | 2,000,000 | \$120.00 | |
| <i>Koeleria cristata</i> | Scribner's Panic Grass | 2 oz | 18,000 | | \$200.00 |
| <i>Panicum scribnerianum</i> | Switch Grass | 5 oz | 70,000 | | \$15.00 |
| <i>Panicum virgatum</i> | | | | | |

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|-------------------------------|---------------------------|----------------|-------------------|--------------------|--------------------|
| <i>Sorghastrum nutans</i> | Indian Grass | 2 oz | 24,000 | | \$6.00 |
| <i>Spartina pectinata</i> | Cord Grass | 2 lbs | 211,200 | | \$240.00 |
| <i>Sphenopholis obtusata</i> | Prairie Wedgegrass | 4 oz | 568,000 | \$16.00 | |
| <i>Sporobolus cryptandrus</i> | Sand Dropseed | 4 oz | 800,000 | \$12.00 | |
| <i>Sporobolus heterolepis</i> | Prairie Dropseed | 2 lbs | 512,000 | \$240.00 | |
| <i>Stipa spartea</i> | Porcupine Grass | 2 lbs | 21,760 | \$240.00 | |
| | 20 graminoides | | | | |
| | | | 47,271,750 | | |
| Totals: | 153 Species | 204 lbs | seeds | \$11,992.00 | \$22,610.70 |