

Gottfried Prairie and Arboretum Plant Sale 2017

Welcome to the second annual plant sale by the Gottfried Prairie and Arboretum. We are delighted to offer 13 new plants that were also started from seed located in the southeastern region of Wisconsin. (Southeast ecotype) These plants are adapted to our climate and will grow very well for you. Plants will be in 2.5 square by 3.5 inch deep pots with ID stakes.

For all gardens, plants should be placed 12" apart. Create a border of at least a foot around the whole garden. It is best to install an edging around the perimeter to stop encroaching lawn grass. Mulch with year old wood chips, cocoa bean shells, clean grass clippings or clean straw. Keep plants moist for first growing season and in times of drought.

A good website for viewing the individual plants is *Wisflora: Checklist of the Vascular Plants of Wisconsin*, www.botany.wisc.edu/wisflora. A good field guide that includes color photos is *Wildflowers of Wisconsin* by Merel Black and Emmet Judziewicz.

We have 4 gardens to choose from or select individual plants....minimum 2 plants per species. Choose plants that grow in part sun for savanna gardens. All plants listed are great for our native pollinators and provide backyard habitat.

For a woodland groundcover use *Geranium maculatum*, Wild Geranium and sunny location groundcover use *Anemone canadensis*, Canada Anemone. (both grow in colonies)

Prepaid orders must be received by March 31st for May 13th pick up at UW- FDL. Pickup time from 9 am to noon. Thanks so much for your order! Questions? Please call Margie Winter at 920-923-2490.

Price per plant \$3.25 Minimum 2 plants per species:

Name _____ Email _____

Address _____ City _____ State ____ Zip _____

Phone _____

Total # of individual plants _____ X \$3.25 Amount _____

A: Rain Garden for Sunny Area, Medium to Moist Soils (\$145) Amount _____

B: Butterfly Garden for Sunny Area, Medium to Dry Soils (\$195) Amount _____

C: Butterfly Gardens for Sunny Area, Medium to Moist Soils (\$185) Amount _____

D: Lakeshore Gardens for Sunny Area, Moist to Wet Soils (\$145) Amount _____

Subtotal _____

WI sales tax 5.5% _____

Total Amount Due _____

Please send order form to: Gottfried Prairie and Arboretum, 400 University Dr, Fond du Lac, WI 54935 by **March 31st**. Please make check payable to Gottfried Prairie and Arboretum.

Additional copies available on our website <http://gottfriedprairie.org> Copy this order for your records and send in original.

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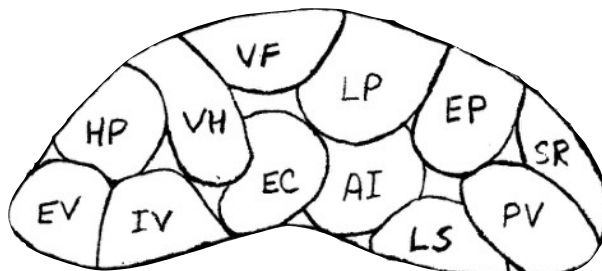
A: Rain Garden for Sunny Area, Medium to Moist Soils

- 4 Al... *Asclepias incarnata*....Red Milkweed (dark pink)
- 4 EP...*Eupatorium purpureum*....Purple Joe Pye Weed (pink)
- 4 HP...*Hypericum pyramidatum*....Great St. John's Wort (yellow)
- 4 IV...*Iris virginica*....Blue Flag Iris (blue)
- 4 LP...*Liatris pycnostachya*....Prairie Blazing Star (purple)
- 4 LS...*Lobelia siphilitica*....Great Blue Lobelia (blue)
- 4 PV...*Pycnanthemum virginianum*....Mountain Mint (white)
- 4 SR...*Solidago riddellii*....Riddell's Goldenrod (yellow)
- 4 VH...*Verbena hastata*....Blue Vervain (blue)
- 4 VF...*Vernonia fasciculata*....Ironweed (purple)
- 4 EC...*Elymus canadensis*....Canada Wild Rye
- 4 EV...*Elymus virginicus*....Virginia Wild Rye

12 species of plants...48 plants total.....\$145.00

Please consult the UW Extension Publication, Rain Gardens, A How-To Manual For Homeowners GWQ037.

Approximate length 14 ft., width 5 ft. or 70 square ft. (includes 1 ft. border)



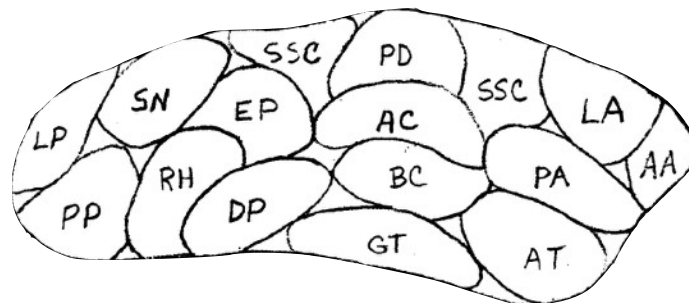
B: Butterfly Garden for Sunny Area, Medium to Dry Soils

- 4 AC...*Aquilegia canadensis*....Wild Columbine (red/yellow)
- 4 AT...*Asclepias tuberosa*....Butterflyweed (orange)
- 4 AA...*Aster azureus*....Azure Aster (blue)
- 4 EP...*Echinacea pallida*....Pale Purple Coneflower (purple)
- 4 GT...*Geum triflorum*....Prairie Smoke (pink)
- 4 LA...*Liatris aspera*....Rough Blazing Star (purple)
- 4 PD...*Penstemon digitalis*....Smooth Penstemon (white)
- 4 PP...*Phlox pilosa*....Prairie Phlox (pink)
- 4 PA...*Potentilla arguta*....Prairie Cinqufoil (white)
- 4 RH...*Rudbeckia hirta*....Black-eyed Susan (yellow)
- 4 SN...*Solidago nemoralis*....Old Field Goldenrod (yellow)
- 4 DP...*Dalea purpurea*....Purple Prairie Clover (purple)
- 4 LP...*Lupinus perennis*....Wild Lupine (purple)
- 4 BC...*Bouteloua curtipendula*....Sideoats Grama
- 8 SSC...*Schizachyrium scoparium*....Little Bluestem

15 species of plants...64 plants total.....\$195.00

Azure Aster flower heads are best cut and removed before seed set as it is aggressive by seed.

Approximate length 15 ft., width 6 ft. or 90 square ft. (includes 1 ft. border)



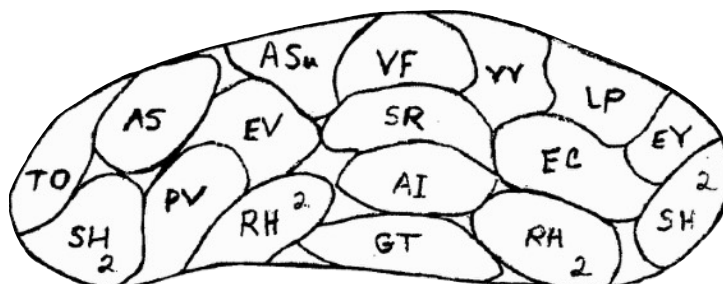
C: Butterfly Gardens for Sunny Area, Medium to Moist Soils

- 4 Al...*Asclepias incarnata*....Red Milkweed (dark pink)
- 4 ASu...*Asclepias sullivantii*....Sullivant's Milkweed (pink)
- 4 AS...*Asclepias syriaca*....Common Milkweed (pink)
- 4 EY...*Eryngium yuccifolium*....Rattlesnake Master (white)
- 4 GT...*Geum triflorum*....Prairie Smoke (pink)
- 4 LP...*Liatris pycnostachya*....Prairie Blazing Star (purple)
- 4 PV...*Pycnanthemum virginiana*....Mountain Mint (white)
- 4 RH...*Rudbeckia hirta*....Black-eyed Susan (yellow)
- 4 SR...*Solidago riddellii*....Riddell's Goldenrod (yellow)
- 4 TO...*Tradescantia ohiensis*....Spiderwort (blue)
- 4 VF...*Vernonia fasciculata*....Ironweed (purple)
- 4 VV...*Veronicastrum virginicum*....Culver's Root (white)
- 4 EC...*Elymus canadensis*....Canada Wild Rye
- 4 EV...*Elymus villosus*....Silky Wild Rye
- 4 SH...*Sporobolus heterolepis*....Prairie Dropseed

15 species of plants....60 plants total.....\$185.00

Prairie Dropseed 18-24" apart since it gets quite wide.

Approximate length 15 ft., width 6 ft. or 90 square ft. (includes 1 ft. border)



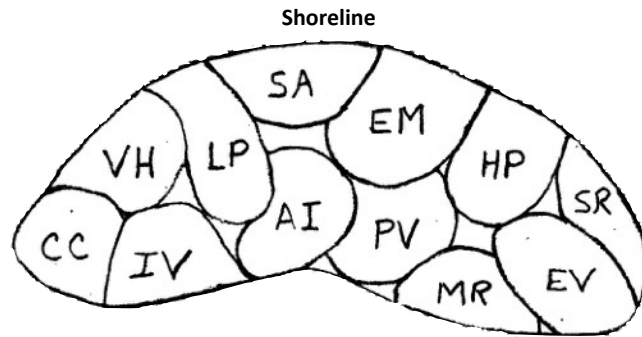
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D: Lakeshore Gardens for Sunny Area, Moist to Wet Soils

- 4 AI...Asclepias incarnata....Red Milkweed (dark pink)
 - 4 EM...Eupatorium maculatum....Spotted Joe Pye Weed (pink)
 - 4 HP...Hypericum pyramidatum....Great St. John's Wort (yellow)
 - 4 IV...Iris virginica....Blue Flag Iris (blue)
 - 4 LP...Liatris pycnostachya....Prairie Blazing Star (purple)
 - 4 MR...Mimulus ringens....Monkey Flower (purple)
 - 4 PV...Pycnanthemum virginianum....Mountain Mint (white)
 - 4 SR...Solidago riddellii....Riddell's Goldenrod (yellow)
 - 4 VH...Verbena hastata....Blue Vervain (blue)
 - 4 CC...Carex comosa....Bristly Sedge
 - 4 SA...Scirpus atrovirens....Dark Green Bulrush
 - 4 EV...Elymus virginicus....Virginia Wild Rye
- 12 species of plants....48 plants total.....\$145.00**

Plant Dark Green Bulrush just above water's edge, once established, it will spread into water.

Approximate length 14 ft., width 5 ft. or 70 square ft. (includes 1 ft. border)



Soil Types

Wet soils tend to hold moisture and dry out slowly, usually clay or silt.

Wet-Mesic soils are in between.

Mesic soils are medium moisture and good loam garden soils.

Dry-Mesic soils are in between.

Dry soils are sandy or gravelly, well drained.

Use this guide for additional information: http://www.ndhealth.gov/wq/sw/z1_nps/pdf_files/soil_texture_feel_test.pdf

All designs by Connie Ramthun

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# of plants	Scientific Name	Common Name	Sun	Part Sun	Shade	Soil Type	Bloom	Ht.
	<i>Allium cernuum</i>	Nodding Pink Onion	X	X		WM-DM	Jy-Au	18"
	<i>Anemone canadensis</i>	Canada Anemone	X	X		WM-M	My-Ju	12"
	<i>Anemone cylindrica</i>	Thimbleweed	X	X		M-D	Ju-Jy	2 ft
	<i>Aquilegia canadensis</i>	Wild Columbine	X	X	X	M-D	Ap-Ju	2 ft
	<i>Asclepias incarnata</i>	Red Milkweed	X			W-M	Ju-Au	4 ft
	<i>Asclepias syriaca</i>	Common Milkweed	X	X		WM-D	Ju-Au	3 ft
	<i>Asclepias sullivantii</i>	Sullivant's Milkweed*	X			WM-M	Ju-Jy	3 ft
	<i>Asclepias tuberosa</i>	Butterfly Weed	X	X		M-D	Ju-Au	2 ft
	<i>Asclepias verticillata</i>	Whorled Milkweed	X	X		M-D	Ju-Sp	2 ft
	<i>Aster azureus</i>	Azure Aster		X	X	M-D	Sp-Oc	2 ft
	<i>Aster laevis</i>	Smooth Aster*	X	X		WM-DM	Au-Oc	3 ft
	<i>Campanula rotundifolia</i>	Harebell*	X	X		DM-D	Ju-Oc	1 ft
	<i>Ceanothus americanus</i>	New Jersey Tea*	X	X		M-D	Ju-Au	3 ft
	<i>Coreopsis palmata</i>	Prairie Coreopsis	X	X		M-D	Ju-Au	2 ft
	<i>Echinacea pallida</i>	Pale Purple Conefl.	X	X		M-D	Ju-Jy	3 ft
	<i>Eryngium yuccifolium</i>	Rattlesnake Master	X			WM-DM	Jy-Sp	4 ft
	<i>Eupatorium maculatum</i>	Spotted Joe Pye Wd.	X	X		W-WM	Ju-Au	5 ft
	<i>Eupatorium purpureum</i>	Purple Joe Pye Weed		X	X	WM-DM	Jy-Sp	7 ft
	<i>Gentiana andrewsii</i>	Bottle Gentian*	X			WM-M	Au-Oc	2 ft
	<i>Geranium maculatum</i>	Wild Geranium	X	X	X	DM-D	Ap-Jy	1 ft
	<i>Geum triflorum</i>	Prairie Smoke	X	X		WM-D	Ap-Ju	8 "
	<i>Heuchera richardsonii</i>	Prairie Alumroot*	X	X		M-D	Ju-Sp	2 ft
	<i>Hypericum pyramidatum</i>	Great St. Johns Wort	X	X		WM-M	Jy-Au	5 ft
	<i>Iris virginica</i>	Blue Flag Iris	X	X		W-M	My-Jy	3 ft
	<i>Liatris aspera</i>	Rough Blazing Star	X	X		M-D	Jy-Oc	3 ft
	<i>Liatris pycnostachya</i>	Prairie Blazing Star	X	X		W-M	Jy-Sp	4 ft
	<i>Lobelia siphilitica</i>	Great Blue Lobelia*	X	X		W-M	Ju-Sp	2 ft
	<i>Mimulus ringens</i>	Monkey Flower	X	X		W-WM	Ju-Sp	2 ft
	<i>Monarda fistulosa</i>	Wild Bergamot	X	X		WM-D	Jy-Sp	4 ft
	<i>Penstemon digitalis</i>	Smooth Penstemon	X	X		M-DM	Ju-Jy	3 ft
	<i>Phlox pilosa</i>	Prairie Phlox	X	X		M-D	My-Jy	2 ft
	<i>Potentilla arguta</i>	Prairie Cinquefoil	X	X		DM-D	Ju-Sp	2 ft
	<i>Pycnanthemum virginian.</i>	Mountain Mint	X	X		WM-DM	Ju-Sp	3 ft
	<i>Ratibida pinnata</i>	Yellow Coneflower	X	X		M-DM	Jy-Sp	5 ft
	<i>Rudbeckia hirta</i>	Black-eyed Susan	X	X		WM-D	Ju-Oc	2 ft
	<i>Rudbeckia triloba</i>	Branched Conefl.	X	X		WM-DM	Au-Oc	4 ft
	<i>Silphium laciniatum</i>	Compass Plant	X	X		WM-D	Ju-Sp	8 ft
	<i>S. terebinthinaceum</i>	Prairie Dock*	X	X		WM-DM	Jy-Sp	8 ft
	<i>Solidago nemoralis</i>	Old Field Goldenrod*	X	X		DM-D	Au-Oc	2 ft
	<i>Solidago riddellii</i>	Riddell's Goldenrod	X			W-M	Au-Oc	3 ft
	<i>Solidago speciosa</i>	Showy Goldenrod	X	X		M-D	Au-Oc	4 ft
	<i>Thalictrum dasycarpum</i>	Tall Meadow Rue	X	X		WM-M	Ju-Jy	6 ft
	<i>Tradescantia ohiensis</i>	Spiderwort*	X	X		WM-D	My-Jy	3 ft

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# of plants	Scientific Name	Common Name	Sun	Part Sun	Shade	Soil Type	Bloom	Ht.
	<i>Verbena hastata</i>	Blue Vervain	X	X		W-M	Ju-Sp	4 ft
	<i>Verbena stricta</i>	Hoary Vervain	X	X		DM-D	Ju-Sp	2 ft
	<i>Vernonia fasciculata</i>	Ironweed	X	X		WM-M	Ju-Sp	5 ft
	<i>Veronicastrum virginicum</i>	Culver's Root	X	X		WM-DM	Ju-Au	5 ft
	Legumes							
	<i>Amorpha canescens</i>	Leadplant*	X	X		M-D	Ju-Au	2 ft
	<i>Baptisia leucantha</i>	Wild White Indigo*	X	X		WM-D	My-Ju	4 ft
	<i>Baptisia leucophaea</i>	Creamy Wild Indigo*	X	X		M-D	My-Ju	1 ft
	<i>Dalea candida</i>	White Prairie Clover	X	X		M-D	Ju-Sp	2 ft
	<i>Dalea purpurea</i>	Purple Prairie Clover	X	X		M-D	Jy-Sp	2 ft
	<i>Lespedeza capitata</i>	Rd-Hd Bush Clover	X	X		M-D	Au-Sp	4 ft
	<i>Lupinus perennis</i>	Wild Lupine	X	X		DM-D	My-Jy	2 ft
	Sedges							
	<i>Carex annectens</i>	Sm. Yellow Fox	X			W-DM	Jy-Au	2 ft
	<i>Carex bicknellii</i>	Copper Oval Sedge	X	X		WM-DM	Ju-Jy	3 ft
	<i>Carex comosa</i>	Bristly Sedge	X			W-WM	Ju	2 ft
	<i>Carex hystericina</i>	Porcupine Sedge	X			W-WM	Ju	3 ft
	<i>Carex pennsylvanica</i>	Pennsylvania Sedge	X	X	X	M-D	My-Ju	8 "
	<i>Carex scoparia</i>	Lance-frtd. Oval	X			W-M	Ju-Jy	2 ft
	<i>Carex sprengelii</i>	Long beaked Sedge		X	X	WM-DM	My-Ju	2 ft
	Rushes							
	<i>Juncus tenuis</i>	<i>Path Rush</i>	X	X		M-D	Ju-Sp	12"
	<i>Scirpus atrovirens</i>	Dark Green Bulrush	X			W-WM	Ju-Au	5 ft
	Grasses							
	<i>Andropogon gerardii</i>	Big Bluestem	X	X		WM-D	Ju-Sp	7 ft
	<i>Bouteloua curtipendula</i>	Side-oats Grama	X	X		M-D	Au-Sp	2 ft
	<i>Elymus canadensis</i>	Canada Wild Rye	X	X		WM-D	Jy-Oc	5 ft
	<i>Elymus villosus</i>	Silky Wild Rye		X	X	WM-DM	Ju-Au	3 ft
	<i>Elymus virginicus</i>	Virginia Wild Rye	X	X	X	W-M	Jy-Au	4 ft
	<i>Koeleria cristata</i>	June Grass	X	X		DM-D	My-Jy	2 ft
	<i>Schizachyrium scoparium</i>	Little Bluestem	X	X		M-D	Jy-Oc	3 ft
	<i>Sorghastrum nutans</i>	Indian Grass	X	X		M-D	Au-Sp	6 ft
	<i>Sporobolus heterolepis</i>	Prairie Dropseed	X	X		WM-D	Au-Oc	3 ft

Symbols: Sun 75% sun, Part Sun 25-75% sun, Shade 75-100% shade; **Soil type:** W wet soil, WM wet mesic, M mesic, DM dry mesic, D dry; **Bloom:** My May, Ju June, Jy July, Au August, Sp September, Oc October; * New species this year