



**Perimeter Pollinator
Xeric Soils**

Total Acres:	1.00
Grass lbs/ac:	10.50
Forb lbs/ac:	3.50
Cover Crop lbs/ac:	15.00
Total lbs/ac:	29.00

8740 77th Street NE Otsego, MN 55362

Bloom Season:	Spring
	Summer
	Fall

	Scientific Name	Common Name	% of Mix	PLS lbs/ac	Total PLS lbs
Grasses:	Bouteloua curtipendula	Side-Oats Grama	24.00	3.36	3.36
	Bouteloua gracilis	Blue Grama	25.00	3.50	3.50
	Carex bicknellii	Bicknell's Sedge	2.00	0.28	0.28
	Elymus trachycaulus	Slender Wheat Grass	3.00	0.42	0.42
	Koeleria macrantha	Junegrass	2.00	0.28	0.28
	Schizachyrium scoparium	Little Bluestem	9.00	1.26	1.26
	Sporobolus cryptandrus	Sand Dropseed	10.00	1.40	1.40
	Forbs:	Asclepias verticillata	Whorled Milkweed	0.50	0.07
Chamaecrista fasciculata		Partridge Pea	10.00	1.40	1.40
Dalea candida		White Prairie Clover	1.10	0.15	0.15
Dalea purpureum		Purple Prairie Clover	4.00	0.56	0.56
Lupinus perennis		Wild Lupine	1.50	0.21	0.21
Penstemon gracilis		Slender Beardtongue	0.25	0.04	0.04
Potentilla arguta		Prairie Cinquefoil	0.20	0.03	0.03
Ratibida columnifera		Long-Headed Coneflower	3.25	0.46	0.46
Rudbeckia hirta		Black Eyed Susan	1.75	0.25	0.25
Solidago nemoralis		Gray Goldenrod	0.10	0.01	0.01
Symphyotrichum laevis		Smooth Blue Aster	0.10	0.01	0.01
Tradescantia bracteata		Prairie Spiderwort	0.25	0.04	0.04
Verbena stricta		Hoary Vervain	1.50	0.21	0.21
Zizia aurea		Golden Alexanders	0.50	0.07	0.07
Cover Crop:	To be determined at time of seeding			15.00	15.00

Species subject to change based on availability



8740 77th Street NE Otsego, MN 55362

Perimeter Pollinator Dry Soils

Total Acres:	1.00
Grass lbs/ac:	9.00
Forb lbs/ac:	3.00
Cover Crop lbs/ac:	15.00
Total lbs/ac:	27.00

Bloom Season:	Spring
	Summer
	Fall

	Scientific Name	Common Name	% of Mix	PLS lbs/ac	Total PLS lbs
Grasses:	<i>Bouteloua curtipendula</i>	Side-Oats Grama	22.00	2.64	2.64
	<i>Bouteloua gracilis</i>	Blue Grama	14.00	1.68	1.68
	<i>Carex bicknellii</i>	Bicknell's Sedge	3.00	0.36	0.36
	<i>Elymus trachycaulus</i>	Slender Wheat Grass	3.00	0.36	0.36
	<i>Elymus villosus</i>	Silky Wild Rye	3.00	0.36	0.36
	<i>Koeleria macrantha</i>	Junegrass	2.00	0.24	0.24
	<i>Schizachyrium scoparium</i>	Little Bluestem	22.00	2.64	2.64
	<i>Sporobolus cryptandrus</i>	Sand Dropseed	5.00	0.60	0.60
	<i>Sporobolus heterolepis</i>	Prairie Dropseed	1.00	0.12	0.12
	Forbs:	<i>Agastache foeniculum</i>	Fragrant Giant Hyssop	0.10	0.01
<i>Amorpha canescens</i>		Leadplant	1.50	0.18	0.18
<i>Asclepias syriaca</i>		Common Milkweed	4.50	0.54	0.54
<i>Asclepias tuberosa</i>		Butterfly Milkweed	1.00	0.12	0.12
<i>Asclepias verticillata</i>		Whorled Milkweed	0.35	0.04	0.04
<i>Chamaecrista fasciculata</i>		Partridge Pea	5.00	0.60	0.60
<i>Coreopsis palmata</i>		Prairie Coreopsis	0.50	0.06	0.06
<i>Dalea candida</i>		White Prairie Clover	1.00	0.12	0.12
<i>Dalea purpureum</i>		Purple Prairie Clover	4.00	0.48	0.48
<i>Monarda fistulosa</i>		Wild Bergamot	0.50	0.06	0.06
<i>Lupinus perennis</i>		Wild Lupine	0.25	0.03	0.03
<i>Penstemon gracilis</i>		Slender Beardtongue	0.25	0.03	0.03
<i>Potentilla arguta</i>		Prairie Cinquefoil	0.25	0.03	0.03
<i>Pycnanthemum virginianum</i>		Mountain Mint	0.25	0.03	0.03
<i>Ratibida columnifera</i>		Long-Headed Coneflower	1.10	0.13	0.13
<i>Rudbeckia hirta</i>		Black Eyed Susan	1.25	0.15	0.15
<i>Solidago nemoralis</i>		Gray Goldenrod	0.15	0.02	0.02
<i>Solidago rigida</i>		Stiff Goldenrod	1.50	0.18	0.18
<i>Symphyotrichum oolentangiense</i>		Sky Blue Aster	0.30	0.04	0.04
<i>Verbena stricta</i>		Hoary Vervain	1.00	0.12	0.12
<i>Zizia aurea</i>	Golden Alexanders	0.25	0.03	0.03	
Cover Crop:	To be determined at time of seeding			15.00	15.00

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**Perimeter Pollinator
Mesic Soils**

Total Acres:	1.00
Grass lbs/ac:	9.00
Forb lbs/ac:	3.00
Cover Crop lbs/ac:	15.00
Total lbs/ac:	27.00

Bloom Season:	Spring
	Summer
	Fall

	Scientific Name	Common Name	% of Mix	PLS lbs/ac	Total PLS lbs
Grasses:	Andropogon gerardii	Big Bluestem	2.00	0.24	0.24
	Bouteloua curtipendula	Side-Oats Grama	20.00	2.40	2.40
	Bouteloua gracilis	Blue Grama	10.00	1.20	1.20
	Elymus canadensis	Canada Wild Rye	5.00	0.60	0.60
	Elymus virginicus	Virginia Wild Rye	5.00	0.60	0.60
	Koeleria macrantha	Junegrass	2.00	0.24	0.24
	Schizachyrium scoparium	Little Bluestem	25.00	3.00	3.00
	Sorghastrum nutans	Indian Grass	6.00	0.72	0.72
Forbs:	Agastache foeniculum	Fragrant Giant Hyssop	0.10	0.01	0.01
	Amorpha canescens	Leadplant	1.50	0.18	0.18
	Anemone canadensis	Canada Anemone	0.50	0.06	0.06
	Aquilegia canadensis	Columbine	0.25	0.03	0.03
	Asclepias syriaca	Common Milkweed	6.15	0.74	0.74
	Asclepias tuberosa	Butterfly Milkweed	1.00	0.12	0.12
	Chamaecrista fasciculata	Partridge Pea	1.00	0.12	0.12
	Coreopsis palmata	Prairie Coreopsis	0.50	0.06	0.06
	Dalea purpureum	Purple Prairie Clover	4.25	0.51	0.51
	Desmodium canadense	Canada Tick Trefoil	1.25	0.15	0.15
	Liatris pycnostachya	Prairie Blazing Star	1.00	0.12	0.12
	Monarda fistulosa	Wild Bergamot	0.50	0.06	0.06
	Potentilla arguta	Prairie Cinquefoil	0.25	0.03	0.03
	Pycnanthemum virginianum	Mountain Mint	0.25	0.03	0.03
	Ratibida pinnata	Yellow Coneflower	1.00	0.12	0.12
	Rudbeckia hirta	Black Eyed Susan	1.25	0.15	0.15
	Solidago rigida	Stiff Goldenrod	1.80	0.22	0.22
	Symphyotrichum novae-angliae	New England Aster	0.50	0.06	0.06
Symphyotrichum oolentangiensis	Sky Blue Aster	0.45	0.05	0.05	
Verbena stricta	Hoary Vervain	1.00	0.12	0.12	
Zizia aurea	Golden Alexanders	0.50	0.06	0.06	
Cover Crop:	To be determined at time of seeding			15.00	15.00

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8740 77th Street NE Otsego, MN 55362

Perimeter Pollinator Weed Control

Total Acres:	1.00
Grass lbs/ac:	9.00
Forb lbs/ac:	3.00
Cover Crop lbs/ac:	15.00
Total lbs/ac:	27.00

Bloom Season:	Spring
	Summer
	Fall

	Scientific Name	Common Name	% of Mix	PLS lbs/ac	Total PLS lbs
Grasses:	Andropogon gerardii	Big Bluestem	2.00	0.24	0.24
	Bouteloua curtipendula	Side-Oats Grama	22.00	2.64	2.64
	Bouteloua gracilis	Blue Grama	10.00	1.20	1.20
	Elymus canadensis	Canada Wild Rye	7.00	0.84	0.84
	Koeleria macrantha	Junegrass	2.00	0.24	0.24
	Schizachyrium scoparium	Little Bluestem	25.00	3.00	3.00
	Sorghastrum nutans	Indian Grass	7.00	0.84	0.84
Forbs:	Agastache foeniculum	Fragrant Giant Hyssop	2.00	0.24	0.24
	Allium canadense	Wild Garlic	1.00	0.12	0.12
	Allium stellatum	Prairie Onion	1.00	0.12	0.12
	Asclepias incarnata	Marsh Milkweed	1.00	0.12	0.12
	Asclepias syriaca	Common Milkweed	4.00	0.48	0.48
	Asclepias tuberosa	Butterfly Milkweed	0.50	0.06	0.06
	Chamaecrista fasciculata	Partridge Pea	1.00	0.12	0.12
	Dalea purpureum	Purple Prairie Clover	5.50	0.66	0.66
	Monarda fistulosa	Wild Bergamot	1.50	0.18	0.18
	Penstemon gracilis	Slender Beardtongue	0.15	0.02	0.02
	Potentilla arguta	Prairie Cinquefoil	0.25	0.03	0.03
	Pycnanthemum virginianum	Mountain Mint	0.25	0.03	0.03
	Solidago rigida	Wild Bergamot	0.15	0.02	0.02
	Symphyotrichum novae-angliae	Prairie Cinquefoil	0.15	0.02	0.02
	Thalictrum dioicum	Early Meadow Rue	0.25	0.03	0.03
	Tradescantia bracteata	Prairie Spiderwort	0.25	0.03	0.03
	Verbena hastata	Blue Vervain	1.50	0.18	0.18
	Verbena stricta	Hoary Vervain	2.05	0.25	0.25
Zizia aptera	Heart-leaf Golden Alexanders	0.50	0.06	0.06	
Zizia aurea	Golden Alexanders	2.00	0.24	0.24	
Cover Crop:	To be determined at time of seeding			15.00	15.00

Species subject to change based on availability