

LITH Sanitary District Prairie Seeding (#20-0206)

DRY-MESIC PRAIRIE SEED MIXTURE (1.9 ACRES)

Scientific name	Common Name	Oz./Acre	lbs./Acre
<b>Grasses &amp; Sedges:</b>			
<i>Andropogon scoparius</i>	Little bluestem	120.0	
<i>Bouteloua curtipendula</i>	Side oats grama	22.3	
<i>Carex bicknellii</i>	Copper-shouldered oval sedge	13.9	
<i>Panicum virgatum</i>	Switch grass	11.6	
<b>Total Grasses</b>		<b>167.9</b>	<b>10.5</b>
<b>Forbs:</b>			
<i>Asclepias tuberosa</i>	Butterfly weed	14.9	
<i>Echinacea purpurea</i>	Purple coneflower	15.8	
<i>Echinacea pallida</i>	Pale purple coneflower	15.1	
<i>Eryngium yuccifolium</i>	Rattlesnake master	7.0	
<i>Helopsis helianthoides</i>	False sunflower	8.0	
<i>Monarda fistulosa</i>	Wild bergamot	0.7	
<i>Penstemon digitalis</i>	Foxglove beard tongue	1.1	
<i>Petalostemum purpureum</i>	Purple prairie clover	7.0	
<i>Ratibida pinnata</i>	Yellow coneflower	2.1	
<i>Rudbeckia hirta</i>	Black eyed Susan	1.0	
<i>Solidago rigida</i>	Stiff goldenrod	1.7	
<i>Symphotrichum novae-angliae</i>	New England aster	1.6	
<i>Tradescantia ohioensis</i>	Spiderwort	16.5	
<i>Verbena stricta</i>	Hoary vervain	3.3	
<b>Total Forbs</b>		<b>95.8</b>	<b>6.0</b>
<b>Total All Species</b>		<b>263.7</b>	<b>16.5</b>
<b>Temporary Cover Crop:</b>			
<i>Elymus canadensis</i>	Canada wild rye	24.0	1.5
<i>Avena sativa</i>	Common oats	320.0	20.0

PRAIRIE FORB INTERSEED MIXTURE (0.3 ACRE)

Scientific name	Common Name	Oz./Acre	lbs./Acre
<b>Forbs:</b>			
<i>Asclepias tuberosa</i>	Butterfly weed	15.6	
<i>Echinacea purpurea</i>	Purple coneflower	16.5	
<i>Echinacea pallida</i>	Pale purple coneflower	16.8	
<i>Eryngium yuccifolium</i>	Rattlesnake master	8.7	
<i>Helopsis helianthoides</i>	False sunflower	6.7	
<i>Monarda fistulosa</i>	Wild bergamot	0.6	
<i>Penstemon digitalis</i>	Foxglove beard tongue	0.8	
<i>Petalostemum purpureum</i>	Purple prairie clover	5.1	
<i>Ratibida pinnata</i>	Yellow coneflower	1.7	
<i>Rudbeckia hirta</i>	Black eyed Susan	0.9	
<i>Solidago rigida</i>	Stiff goldenrod	1.7	
<i>Symphotrichum novae-angliae</i>	New England aster	1.4	
<i>Tradescantia ohioensis</i>	Spiderwort	13.8	
<i>Verbena stricta</i>	Hoary vervain	2.7	
<b>Total Forbs</b>		<b>92.8</b>	<b>6.8</b>



Prairie Seeding Tasks & Timeline:

- 1) Broadcast Herbicide Preparation (1.9 acres)-August 2020
- 2) Light Disc (1.9 acres)-Early-Mid September 2020
- 3) Broadcast Herbicide Preparation (1.9 acres)-Mid-Late September 2020
- 4) Scarify Soil and Install Prairie Seed (1.9 acres)-November 2020
- 5) Install NAG DS75 (1.9 acres)-November 2020

Prairie Forb Interseeding Task & Timeline:

- 1) Conduct RX Burn (0.3 acre)-Fall 2020 or Spring 2021
- 2) Interseed Forb Seed Mixture (0.3 acre)-Fall 2020 or Spring 2021