

Seed Mixtures

The proposed seed mix for the Big Timber Solar Farm, LLC. project consists of:

SHORT STATURE POLLINATOR PRAIRIE SEED MIXTURE

Scientific name	Common Name	Oz./Acre	lbs./Acre
Grasses, Sedges, & Rush:			
<i>Bouteloua curtipendula</i>	Side oats grama	65.3	
<i>Carex bicknellii</i>	Copper-shouldered oval sedge	3.3	
<i>Carex vulpinoidea</i>	Brown fox sedge	3.3	
<i>Juncus tenuis</i>	Path rush	0.1	
<i>Schizachyrium scoparium</i>	Little bluestem	80.2	
<i>Sporobolus heterolepis</i>	Prairie dropseed	9.3	
Total Grasses		152.3	9.5
Forbs:			
<i>Allium cernuum</i>	Nodding wild onion	6.9	
<i>Asclepias tuberosa</i>	Butterfly milkweed	11.2	
<i>Asclepias verticillata</i>	Whorled milkweed	3.6	
<i>Coreopsis palmata</i>	Stiff coreopsis	6.6	
<i>Coreopsis lanceolata</i>	Sand coreopsis	5.6	
<i>Penstemon calycosus</i>	Calico Beardtongue	0.5	
<i>Petalostemum purpurea</i>	Purple prairie clover	5.2	
<i>Rudbeckia hirta</i>	Black-eyed Susan	1.2	
<i>Solidago nemoralis</i>	Old Field Goldenrod	0.3	
<i>Symphotrichum oelintamgiense</i>	Sky Blue Aster	1.1	
<i>Tradescantia ohiensis</i>	Spiderwort	9.9	
<i>Zizia aurea</i>	Golden Alexanders	2.5	
<i>Verbena stricta</i>	Hoary vervain	2.5	
Total Forbs		57.0	3.6
Total All Species		209.2	13.1
Temporary Cover Crop:			
<i>Avena sativa</i>	Common oats	320.0	20.0

MESIC PRAIRIE BUFFER SEED MIXTURE

Scientific name	Common Name	Oz./Acre	lbs./Acre
Grasses & Sedges:			
<i>Bouteloua curtipendula</i>	Side oats grama	65.3	
<i>Carex bicknellii</i>	Copper-shouldered oval sedge	5.5	
<i>Panicum virgatum</i>	Switch grass	14.5	
<i>Schizachyrium scoparium</i>	Little bluestem	89.1	
Total Grasses		174.5	10.9
Forbs:			
<i>Asclepias tuberosa</i>	Butterfly milkweed	7.5	
<i>Coreopsis palmata</i>	Stiff coreopsis	4.4	
<i>Echinacea pallida</i>	Pale purple coneflower	15.7	
<i>Echinacea purpurea</i>	Purple coneflower	7.9	
<i>Eryngium yuccifolium</i>	Rattlesnake master	6.5	
<i>Heliopsis helianthoides</i>	False sunflower	4.0	
<i>Liatris pycnostachya</i>	Prairie blazing star	2.4	
<i>Monarda fistulosa</i>	Wild bergamot	0.7	
<i>Oligoneuron rigidum</i>	Stiff goldenrod	1.1	
<i>Penstemon digitalis</i>	Foxglove beard tongue	0.4	
<i>Petalostemum purpurea</i>	Purple prairie clover	3.9	
<i>Rudbeckia hirta</i>	Black-eyed Susan	1.0	
<i>Ratibida pinnata</i>	Yellow coneflower	2.1	
<i>Rudbeckia subtomentosa</i>	Sweet black-eyed Susan	1.7	
<i>Symphotrichum oolentangiense</i>	Sky blue aster	1.0	
<i>Tradescantia ohiensis</i>	Spiderwort	5.0	
<i>Zizia aurea</i>	Golden Alexanders	1.6	
<i>Verbena stricta</i>	Hoary vervain	1.6	
Total Forbs		68.5	4.3
Total All Species		243.0	15.2
Temporary Cover Crop:			
<i>Avena sativa</i>	Common oats	320.0	20.0
<i>Elymus canadensis</i>	Canada wild rye	8.0	0.5

