Pizzo NATIVE PLANT NURSERY

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Savanna Seed Mix (Dry-Mesic Soils)

MIX STATISTICS

Base Mix Without Supplemental Plugs

Average Mix Height (ft)	3.2
Median Mix Height (ft)	3.0
Species Heights (# of Occurrences in Mix)	1.5' (3), 2' (17), **3' (20)**, 4' (10), 5' (5), 6' (2), 7' (3), 9' (1)
Number of Native Species in Mix	61
Native FQI	43.4
Native Mean C Value	5.6
Native Mean W Value	2.4
National Wetland Category	FACU
Lbs/Acre of Native Seed	20.3
Seeds per Square Foot	141.4
Percent of Mix (by Seed Count) Requiring Stratification	57.7%

Designed for areas with scattered native trees (typically less than 10 mature canopy trees/acre) that provide light or partial shade, and have soils that remain mesic to dry for most of the growing season. This mix will help establish a historic native ground cover when re-creating the picturesque open tree native savannas that were so heavily sought after by the pioneers as they made their way west. A short to medium height seed mix with an average height of 3.2' by seed count, approximately 65% is composed of a diverse array of wildflowers, blooming from April through October.

Grasses, Sedges, & Rushes

CODE	SCIENTIFIC NAME	COMMON NAME	C-VALUE	W-VALUE	WETNESS	HEIGHT		BLOOM COLOR	BLOOM TIME						SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						Min-Max	Typical		A	M	J	J	A	S	O				by Weight	by Seed Count		
ANDGER	*Andropogon gerardii*	Big Bluestem	5	0	FAC	6-8'	7	N/A								10,000	6.00	0.38	1.84%	0.97%	N/A	
BROKAL	*Bromus kalmii*	Prairie Brome	10	0	FAC	1-3'	2	N/A								8,000	3.00	0.19	0.92%	0.39%	N/A	
CXBICK	*Carex bicknellii*	Copper-shouldered Oval Sedge	10	3	FACU	1.5-2.5'	2	N/A								17,000	2.00	0.13	0.61%	0.55%	CM-60	
CXBLAN	*Carex blanda*	Common Wood Sedge	1	0	FAC	1-2'	2	N/A								12,500	1.00	0.06	0.31%	0.20%	CM-60	
CXBREV	*Carex brevior*	Plains Oval Sedge	4	0	FAC	1-3'	2	N/A								29,000	6.00	0.38	1.84%	2.83%	CM-60	
CXCEPH	*Carex cephalophora*	Short-headed Bracted Sedge	3	3	FACU	1-2'	1.5	N/A								32,000	2.00	0.13	0.61%	1.04%	CM-60	
CXCRIS	*Carex cristatella*	Crested Oval Sedge	4	-3	FACW	2-4'	3	N/A								58,000	0.25	0.02	0.08%	0.24%	CM-60	
CXGRAE	*Carex gracilescens*	Slender Wood Sedge	10	5	UPL	1-2.5'	2	N/A								11,500	1.00	0.06	0.31%	0.19%	CM-60?	
CXGRAL	*Carex gracillima*	Purple-sheathed Graceful Sedge	10	3	FACU	2-3.5'	3	N/A								102,000	1.00	0.06	0.31%	1.66%	CM-60	
CXMOLE	*Carex molesta*	Field Oval Sedge	2	0	FAC	1-2.5'	2	N/A								25,000	6.00	0.38	1.84%	2.44%	CM-60	
CXNORM	*Carex normalis*	Spreading Oval Sedge	5	-3	FACW	2-4'	3	N/A								25,000	1.00	0.06	0.31%	0.41%	CM-60	
CXTENE	*Carex tenera*	Narrow-leaved Oval Sedge	8	-3	FACW	1-3'	3	N/A								20,000	6.00	0.38	1.84%	1.95%	CM-60	
ELYCAN	*Elymus canadensis*	Canada Wild Rye	4	3	FACU	3-5'	5	N/A								5,200	32.00	2.00	9.84%	2.70%	N/A	
ELYHYS	*Elymus hystrix*	Bottlebrush Grass	5	3	FACU	2.5-5'	3	N/A								7,600	12.00	0.75	3.69%	1.48%	N/A	
ELYVIR	*Elymus virginicus*	Virginia Wild Rye	4	-3	FACW	2.5-4'	4	N/A								4,200	8.00	0.50	2.46%	0.55%	N/A	
PANVIR	*Panicum virgatum*	Switch Grass	5	0	FAC	3-6'	4	N/A								14,000	24.00	1.50	7.38%	5.46%	N/A	
SCHSCO	*Schizachyrium scoparium*	Little Bluestem	5	3	FACU	2-3'	3	N/A								15,000	48.00	3.00	14.76%	11.69%	N/A	
																Grass/Sedge Subtotals		**9.953**	**48.96%**	**34.73%**		

Wildflowers

CODE	SCIENTIFIC NAME	COMMON NAME	C-VALUE	W-VALUE	WETNESS	HEIGHT		BLOOM COLOR	BLOOM TIME						SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						Min-Max	Typical		A	M	J	J	A	S	O				by Weight	by Seed Count		
AGASCR	*Agastache scrophulariaefolia*	Purple Giant Hyssop	5	5	UPL	5-7'	6	Purple								93,000	0.25	0.02	0.08%	0.38%	CM-60	
ALLCER	*Allium cernuum*	Nodding Onion	7	3	FACU	1-2'	1.5	Purple								7,600	8.00	0.50	2.46%	0.99%	CM-60	
ANECYL	*Anemone cylindrica*	Thimbleweed	6	5	UPL	1-3'	2	White								26,000	0.50	0.03	0.15%	0.21%	CM-60	
AQUCAN	*Aquilegia canadensis*	Wild Columbine	6	3	FACU	2-4'	2	Red/Yellow								38,000	1.00	0.06	0.31%	0.62%	CM-60	
ARNATR	*Arnoglossum atriplicifolium*	Pale Indian-plantain	8	5	UPL	3-9'	7	White								6,000	2.00	0.13	0.61%	0.19%	CM-60	
ASCTUB	*Asclepias tuberosa*	Butterfly Weed	7	5	UPL	1-2.5'	2	Orange								4,300	8.00	0.50	2.46%	0.56%	CM-30	
ASTCAN	*Astragalus canadensis*	Canada Milk Vetch	10	0	FAC	2-4'	3	Cream								17,000	2.00	0.13	0.61%	0.55%	CM-10, H, I	
BAPALB	*Baptisia alba*	White Wild Indigo	8	3	FACU	3-6'	4	White								1,700	4.00	0.25	1.23%	0.11%	CM-10, H, I	
CHAFAS	*Chamaecrista fasciculata*	Partridge Pea	5	3	FACU	6"-2'	2	Yellow								2,700	16.00	1.00	4.92%	0.70%	CM-10, H, I	
CORPAL	*Coreopsis palmata*	Prairie Coreopsis	6	5	UPL	1-2.5'	2	Yellow								10,000	2.00	0.13	0.61%	0.32%	CM-60, M	
CORTRI	*Coreopsis tripteris*	Tall Coreopsis	5	0	FAC	3-8'	7	Yellow								14,000	6.00	0.38	1.84%	1.36%	CM-60	
DESCAA	*Desmodium canadense*	Showy Tick Trefoil	4	3	FACU	3-6'	4	Purple								5,500	3.00	0.19	0.92%	0.27%	J, I	
ECHPUR	*Echinacea purpurea*	Purple Coneflower	3	5	UPL	2-5'	4	Purple								6,600	4.00	0.25	1.23%	0.43%	N/A	
ERYYUC	*Eryngium yuccifolium*	Rattlesnake Master	9	0	FAC	2-5'	4	White								7,500	12.00	0.75	3.69%	1.46%	CM-60	
EUPRUG	*Eupatorium rugosum*	White Snakeroot	4	3	FACU	1.5-4'	2	White								150,000	0.50	0.03	0.15%	1.22%	CM-60	
EUPCOR	*Euphorbia corollata*	Flowering Spurge	2	5	UPL	1-3'	3	White								8,000	4.00	0.25	1.23%	0.52%	CM-30	
HELSTR	*Helianthus strumosus*	Pale-leaved Sunflower	5	5	UPL	2-4'	3	Yellow								4,200	6.00	0.38	1.84%	0.41%	CM-30	
HELHEL	*Heliopsis helianthoides*	Early Sunflower	5	3	FACU	3-5'	5	Yellow								6,300	8.00	0.50	2.46%	0.82%	CM-30	
LESCAP	*Lespedeza capitata*	Round-headed Bush Clover	4	3	FACU	2-5'	4	Green								8,000	4.00	0.25	1.23%	0.52%	CM-10, H, I, J	
LIAASP	*Liatris aspera*	Button Blazing Star	6	5	UPL	2-5'	3	Purple								16,000	4.00	0.25	1.23%	1.04%	CM-60	
MONFIS	*Monarda fistulosa*	Wild Bergamot	4	3	FACU	2.5-4'	4	Purple								70,000	4.00	0.25	1.23%	4.55%	N/A	
MONPUN	*Monarda punctata*	Spotted Bee Balm	5	5	UPL	1-3'	2	Purple								90,000	1.00	0.06	0.31%	1.46%	N/A	
PARINT	*Parthenium integrifolium*	Wild Quinine	8	5	UPL	2-3.5'	3	White								7,000	12.00	0.75	3.69%	1.36%	CM-60	
PENDIG	*Penstemon digitalis*	Foxglove Beardtongue	4	0	FAC	2-3'	3	White								130,000	1.00	0.06	0.31%	2.11%	CM-30, G	
PENPAL	*Penstemon pallidus*	Pale Beardtongue	6	5	UPL	1-2.5'	1.5	Cream								180,000	0.50	0.03	0.15%	1.46%	CM-30, G	
RATPIN	*Ratibida pinnata*	Yellow Coneflower	4	5	UPL	2-4'	4	Yellow								30,000	6.00	0.38	1.84%	2.92%	CM-30	
RUDHIR	*Rudbeckia hirta*	Black-eyed Susan	1	3	FACU	2-3'	2	Yellow								92,000	8.00	0.50	2.46%	11.95%	CM-30	
RUDSUB	*Rudbeckia subtomentosa*	Sweet Black-eyed Susan	9	3	FACU	3-6'	5	Yellow								43,000	3.00	0.19	0.92%	2.10%	CM-30	
SILTER	*Silphium terebinthinaceum*	Prairie Dock	5	0	FAC	4-10'	9	Yellow								1,000	3.00	0.19	0.92%	0.05%	CM-60	
SOLJUN	*Solidago juncea*	Early Goldenrod	5	5	UPL	1-3'	3	Yellow								290,000	0.25	0.02	0.08%	1.18%	CM-60	
SOLNEM	*Solidago nemoralis*	Old Field Goldenrod	4	5	UPL	1-3'	2	Yellow								300,000	0.50	0.03	0.15%	2.44%	CM-60	
SOLSPE	*Solidago speciosa*	Showy Goldenrod	7	5	UPL	2-5'	5	Yellow								95,000	1.50	0.09	0.46%	2.31%	CM-60	
SOLULM	*Solidago ulmifolia*	Elm-leaved Goldenrod	5	5	UPL	1-3'	3	Yellow								130,000	0.75	0.05	0.23%	1.58%	CM-60	
SYMDRU	*Symphyotrichum drummondii*	Drummond's Aster	2	5	UPL	1.5-4'	3	White								80,000	1.00	0.06	0.31%	1.30%	N/A	
SYMERI	*Symphyotrichum ericoides*	Heath Aster	5	3	FACU	1-3'	2	White								200,000	0.75	0.05	0.23%	2.44%	N/A	
SYMLAE	*Symphyotrichum laeve*	Smooth Blue Aster	9	3	FACU	1.5-3'	3	Blue								55,000	2.00	0.13	0.61%	1.79%	N/A	
SYMNOV	*Symphyotrichum novae-angliae*	New England Aster	4	-3	FACW	3-5'	4	Purple								66,000	0.25	0.02	0.08%	0.27%	CM-60	
SYMOOL	*Symphyotrichum oolentangiense*	Sky Blue Aster	8	5	UPL	1.5-3'	3	Blue								80,000	0.25	0.02	0.08%	0.32%	G	
SYMSHO	*Symphyotrichum shortii*	Short's Aster	8	5	UPL	2-3.5'	3	Blue								60,000	0.25	0.02	0.08%	0.24%	CM-30	
SYMURO	*Symphyotrichum urophyllum*	Arrow-leaved Aster	5	0	FACU+	2-3.5'	3	Blue								135,000	0.25	0.02	0.08%	0.55%	CM-60	
THADAS	*Thalictrum dasycarpum*	Purple Meadow Rue	5	-3	FACW	3-7'	6	Cream								11,000	4.00	0.25	1.23%	0.71%	CM-60, G	
TRAOHI	*Tradescantia ohiensis*	Ohio Spiderwort	2	3	FACU	2-4'	3	Blue								8,000	12.00	0.75	3.69%	1.56%	CM-120 or M, G	
VERVIR	*Veronicastrum virginicum*	Culver's Root	7	0	FAC	3-6'	5	White								800,000	0.50	0.03	0.15%	6.50%	N/A	
ZIZAUR	*Zizia aurea*	Golden Alexanders	7	0	FAC	1-2.5'	2	Yellow								11,000	8.00	0.50	2.46%	1.43%	CM-60 or M, G	
																Wildflowers Subtotals		**10.375**	**51.04%**	**65.27%**		
																Mix TOTALS		**20.328**	**100.00%**	**100.00%**		