



Pizzo Native Plant Nursery, LLC • 10729 Pine Road • Leland, IL 60531 • Phone : 815-981-8000 • www.pizzonursery.com

Woodland Seed Mix (Mesic Soils)

MIX STATISTICS

Base Mix Without Supplemental Plugs

Average Mix Height (ft)	3.5
Median Mix Height (ft)	3.0
Species Heights (# of Occurrences in Mix)	1.5' (1), 2' (6), 3' (10), 4' (2), 5' (3), 6' (2)
Number of Native Species in Mix	40
Native FQI	33.2
Native Mean C Value	5.3
Native Mean W Value	1.4
National Wetland Category	FAC-
Lbs/Acre of Native Seed	13.7
Seeds per Square Foot	120.4
Percent of Mix (by Seed Count) Requiring Stratification	80.1%

Designed for areas with mesic soils and moderate to dense native tree populations (10 or more mature canopy trees per acre); the canopy is mostly closed, with a light to moderate understory (small tree/shrub layer), resulting in part to full shade. This mix establishes a diverse herbaceous groundcover, providing habitat and a fuel source for conducting regular prescribed fire. Approximately 65% of this mix is composed of a diverse array of medium height wildflowers (average of 3.5' by seed count) blooming from April through October.

Grasses, Sedges, & Rushes

CODE	SCIENTIFIC NAME	COMMON NAME	C-VALUE	W-VALUE	WETNESS	HEIGHT		BLOOM BLOOM	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
BROPUB	<i>Bromus pubescens</i>	Hairy Wood Chess	5	3	FACU	2.5-4'	4	N/A								7,600	16.00	1.00	7.29%	2.32%	CM-30	
CXBLAN	<i>Carex blanda</i>	Common Wood Sedge	1	0	FAC	1-2'	2	N/A								12,500	2.00	0.13	0.91%	0.48%	CM-60	
CXCEPH	<i>Carex cephalophora</i>	Short-headed Bracted Sedge	3	3	FACU	1-2'	1.5	N/A								32,000	2.00	0.13	0.91%	1.22%	CM-60	
CXDAVI	<i>Carex davisii</i>	Awned Graceful Sedge	7	0	FAC	1.5-3'	2	N/A								9,000	3.00	0.19	1.37%	0.51%	CM-60	
CXGRAL	<i>Carex gracillima</i>	Purple-sheathed Graceful Sedge	10	3	FACU	2-3.5'	3	N/A								102,000	2.00	0.13	0.91%	3.89%	CM-60	
CXGRAN	<i>Carex granularis</i>	Pale Sedge	4	-3	FACW	1-2'	2	N/A								16,000	4.00	0.25	1.82%	1.22%	CM-60	
CMOLE	<i>Carex molesta</i>	Field Oval Sedge	2	0	FAC	1-2.5'	2	N/A								25,000	4.00	0.25	1.82%	1.91%	CM-60	
CXNORM	<i>Carex normalis</i>	Spreading Oval Sedge	5	-3	FACW	2-4'	3	N/A								25,000	2.00	0.13	0.91%	0.95%	CM-60	
CXRADI	<i>Carex radiata</i>	Straight-styled Wood Sedge	6	5	UPL	1-2'	2	N/A								41,000	1.00	0.06	0.46%	0.78%	CM-60	
CXSPRE	<i>Carex sprengelii</i>	Long-beaked Sedge	9	0	FAC	1.5-2.5'	2	N/A								10,000	4.00	0.25	1.82%	0.76%	CM-60	
CXTENE	<i>Carex tenera</i>	Narrow-leaved Oval Sedge	8	-3	FACW	1-3'	3	N/A								20,000	6.00	0.38	2.74%	2.29%	CM-60	
CINARU	<i>Cinna arundinacea</i>	Stout Wood Reed	5	-3	FACW	3-5'	3	N/A								81,000	3.00	0.19	1.37%	4.63%	CM-60	
ELYHYS	<i>Elymus hystrix</i>	Bottlebrush Grass	5	3	FACU	2.5-5'	3	N/A								7,600	36.00	2.25	16.41%	5.22%	N/A	
ELYVIL	<i>Elymus villosus</i>	Silky Wild Rye	5	3	FACU	2-3.5'	3	N/A								5,500	16.00	1.00	7.29%	1.68%	N/A	
ELYVIR	<i>Elymus virginicus</i>	Virginia Wild Rye	4	-3	FACW	2.5-4'	4	N/A								4,200	16.00	1.00	7.29%	1.28%	N/A	
GLYSTR	<i>Glyceria striata</i>	Fowl Manna Grass	4	-5	OBL	2-3.5'	3	N/A								90,000	4.00	0.25	1.82%	6.87%	N/A	
													Grass/Sedge Subtotals		7.563		55.16%	36.02%				

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	<i>Agastache scrophulariaefolia</i>	Purple Giant Hyssop	5	5	UPL	5-7'	6	Purple								93,000	5.00	0.31	2.28%	8.87%	CM-60	
ALLCER	<i>Allium cernuum</i>	Nodding Onion	7	3	FACU	1-2'	1.5	Purple								7,600	4.00	0.25	1.82%	0.58%	CM-60	
AQUCAN	<i>Aquilegia canadensis</i>	Wild Columbine	6	3	FACU	2-4'	2	Red/Yellow								38,000	3.00	0.19	1.37%	2.17%	CM-60	
ASCEXA	<i>Asclepias exaltata</i>	Poke Milkweed	9	5	UPL	2-6'	5	White								3,000	2.00	0.13	0.91%	0.11%	CM-30	
BIDFRO	<i>Bidens frondosa</i>	Common Beggar's Ticks	1	-3	FACW	1-3'	3	Yellow								5,000	8.00	0.50	3.65%	0.76%	CM-60	
CAMAME	<i>Campanulastrum americanum</i>	American Bellflower	3	0	FAC	2-6'	5	Blue								170,000	4.00	0.25	1.82%	12.97%	CM-30	
ECHPUR	<i>Echinacea purpurea</i>	Purple Coneflower	3	5	UPL	2-5'	4	Purple								6,600	2.00	0.13	0.91%	0.25%	N/A	
EUPRUG	<i>Eupatorium rugosum</i>	White Snakeroot	4	3	FACU	1.5-4'	2	White								150,000	2.00	0.13	0.91%	5.72%	CM-60	
EUTPUR	<i>Eutrachium purpureum</i>	Purple Joe Pye Weed	7	0	FAC	3-7'	6	Pink								42,000	2.50	0.16	1.14%	2.00%	CM-30, G	
HELSTR	<i>Helianthus strumosus</i>	Pale-leaved Sunflower	5	5	UPL	2-4'	3	Yellow								4,200	6.00	0.38	2.74%	0.48%	CM-30	
HELHEL	<i>Helopsis helianthoides</i>	Early Sunflower	5	3	FACU	3-5'	5	Yellow								6,300	12.00	0.75	5.47%	1.44%	CM-30	
PENDIG	<i>Penstemon digitalis</i>	Foxglove Beardtongue	4	0	FAC	2-3'	3	White								130,000	1.00	0.06	0.46%	2.48%	CM-30, G	
PENPAL	<i>Penstemon pallidus</i>	Pale Beardtongue	6	5	UPL	1-2.5'	1.5	Cream								180,000	1.00	0.06	0.46%	3.43%	CM-30, G	
PERPUN	<i>Persicaria punctata</i>	Dotted Smartweed	6	-5	OBL	2-3.5'	3	White								7,800	6.00	0.38	2.74%	0.89%	CM-60, ?	
PERVIR	<i>Persicaria virginiana</i>	Woodland Knotweed	2	0	FAC	1-3'	2	White								3,500	12.00	0.75	5.47%	0.80%	CM-60, ?	
RUDSUB	<i>Rudbeckia subtomentosa</i>	Sweet Black-eyed Susan	9	3	FACU	3-6'	5	Yellow								43,000	2.00	0.13	0.91%	1.64%	CM-30	
SCRMAR	<i>Scrophularia marilandica</i>	Late Figwort	4	3	FACU	4-9'	6	Red								170,000	0.250	0.02	0.11%	0.81%	CM-60?	
SOLCAE	<i>Solidago caesia</i>	Blue-stemmed Goldenrod	7	3	FACU	1-3'	3	Yellow								546,000	0.125	0.01	0.06%	1.30%	CM-60	
SOLLULM	<i>Solidago ulmifolia</i>	Elm-leaved Goldenrod	5	5	UPL	1-3'	3	Yellow								130,000	2.00	0.13	0.91%	4.96%	CM-60	
SYMDRU	<i>Symphoricarpon drummondii</i>	Drummond's Aster	2	5	UPL	1.5-4'	3	White								80,000	3.00	0.19	1.37%	4.58%	N/A	
SYMSHO	<i>Symphoricarpon shortii</i>	Short's Aster	8	5	UPL	2-3.5'	3	Blue								60,000	2.50	0.16	1.14%	2.86%	CM-30	
SYMURO	<i>Symphoricarpon urophyllum</i>	Arrow-leaved Aster	5	0	FACU+	2-3.5'	3	Blue								135,000	0.50	0.03	0.23%	1.29%	CM-60	
THADIO	<i>Thalictrum dioicum</i>	Early Meadow Rue	7	3	FACU	1-2.5'	2	Green								7,300	1.50	0.09	0.68%	0.21%	CM-60	
ZIZAUR	<i>Zizia aurea</i>	Golden Alexanders	7	0	FAC	1-2.5'	2	Yellow								11,000	16.00	1.00	7.29%	3.36%	CM-60 or M, G	
													Wildflower Subtotals		6.148		44.84%	63.98%				
													Mix TOTALS		13.711		100.00%	100.00%				