Pizzo NATIVE PLANT NURSERY

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

Emergent Seed Mix (2-6" Water Depth)

MIX STATISTICS

Base Mix Without Supplemental Plugs

Average Mix Height (ft)	3.3
Median Mix Height (ft)	3.0
Species Heights (# of Occurrences in Mix)	2' (7), **3' (10)**, 4' (4), 5' (6), 6' (2)
Number of Native Species in Mix	29
Native FQI	29.2
Native Mean C Value	5.4
Native Mean W Value	-5.0
National Wetland Category	OBL
Lbs/Acre of Native Seed	9.5
Seeds per Square Foot	173.2
Percent of Mix (by Seed Count) Requiring Stratification	94.8%

Designed to grow in shallow water, 2" to 6" deep. It is ideal for shallow water wetlands and within the emergent zone of a pond or stream shoreline. Nearly 50% of the seeds in this mix are sedges, rushes, and grasses; the balance is a matrix of wildflowers, providing an array of blooms from May through October. This emergent mix will result in a medium-tall profile with an average height of 3.3' by seed count. To achieve appropriate seed-to-soil contact for germination this mix must be planted prior to establishing normal water levels, or the water body must be drained in order to expose the soil within the targeted seeding area prior to seeding. We recommend installing appropriate temporary erosion control blanket over areas seeded with this mix.

Grasses, Sedges, & Rushes

CODE	SCIENTIFIC NAME	COMMON NAME	C-VALUE	W-VALUE	WETNESS	HEIGHT		BLOOM	BLOOM TIME						SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						Min-Max	Typical	COLOR	A	M	J	J	A	S	O				by Weight	by Seed Count		
CXCOMO	*Carex comosa*	Bristly Sedge	5	-5	OBL	2-3.5'	2	N/A								30,000	12.00	0.75	7.91%	4.77%	CM-60	
CXHYST	*Carex hystericina*	Porcupine Sedge	5	-5	OBL	1-2.5'	2	N/A								30,000	16.00	1.00	10.54%	6.36%	CM-60	
CXLUPN	*Carex lupulina*	Common Hop Sedge	7	-5	OBL	1.5-3.5	3	N/A								3,300	8.00	0.50	5.27%	0.35%	CM-60	
CXSTRI	*Carex stricta*	Common Tussock Sedge	5	-5	OBL	2.5-4'	3	N/A								53,000	2.00	0.13	1.32%	1.40%	CM-60	
CXUTRI	*Carex utriculata*	Common Yellow Lake Sedge	10	-5	OBL	1-3.5'	3	N/A								10,000	4.00	0.25	2.64%	0.53%	CM-60	
ELEPAL	*Eleocharis palustris*	Great Spike Rush	2	-5	OBL	1-3.5'	2	N/A								51,000	4.00	0.25	2.64%	2.70%	CM-60	
JUNEFF	*Juncus effusus*	Common Rush	7	-5	OBL	2-4'	3	N/A								1,000,000	1.00	0.06	0.66%	13.25%	CM-60	
LEEORY	*Leersia oryzoides*	Rice Cut Grass	4	-5	OBL	2-4'	4	N/A								34,000	8.00	0.50	5.27%	3.60%	N/A	
SCHPUP	*Schoenoplectus pungens var. pungens*	Chairmaker's Rush	5	-5	OBL	2-5'	5	N/A								12,000	6.00	0.38	3.95%	0.95%	CM-60	
SCHTAB	*Schoenoplectus tabernaemontani*	Great Bulrush	5	-5	OBL	4-7'	6	N/A								31,000	12.00	0.75	7.91%	4.93%	CM-60	
SCIATR	*Scirpus atrovirens*	Dark-green Bulrush	4	-5	OBL	2-6'	5	N/A								460,000	1.00	0.06	0.66%	6.10%	CM-60 or M	
SCICYP	*Scirpus cyperinus*	Wool Grass	6	-5	OBL	3-5'	5	N/A								1,700,000	0.125	0.01	0.08%	2.82%	CM-60 or M	
SCHACU	*Schoenoplectus acutus*	Hardstem Bulrush	6	-5	OBL	3-9'	6	N/A								20,000	8.00	0.50	5.27%	2.12%	CM-60 or M	
																Grass/Sedge Subtotals		**5.133**	**54.12%**	**49.89%**		

Wildflowers

CODE	SCIENTIFIC NAME	COMMON NAME	C-VALUE	W-VALUE	WETNESS	HEIGHT		BLOOM	BLOOM TIME						SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						Min-Max	Typical	COLOR	A	M	J	J	A	S	O				by Weight	by Seed Count		
ACOCAL	*Acorus calamus*	Sweet Flag	7	-5	OBL	1-3'	2	ellow/Gree								6,800	12.00	0.75	7.91%	1.08%	CM-60	
ALISUB	*Alisma subcordatum*	Mud Plantain	4	-5	OBL	1-3'	3	White								60,000	8.00	0.50	5.27%	6.36%	CM-30	
ASCINC	*Asclepias incarnata*	Swamp Milkweed	4	-5	OBL	3-6'	4	Pink								4,800	4.00	0.25	2.64%	0.25%	CM-30	
CHEGLA	*Chelone glabra*	Turtlehead	8	-5	OBL	3-6'	5	Cream								92,000	0.50	0.03	0.33%	0.61%	CM-120 or M	
EUPPER	*Eupatorium perfoliatum*	Boneset	4	-5	OBL	3-4'	4	White								160,000	1.00	0.06	0.66%	2.12%	CM-30	
EUTMAC	*Eutrochium maculatum*	Spotted Joe Pye Weed	4	-5	OBL	3-6'	5	Pink								95,000	2.00	0.13	1.32%	2.52%	CM-30	
HIBLAE	*Hibiscus laevis*	Halberd-leaved Rose Mallow	6	-5	OBL	3-6'	5	Pink								2,800	8.00	0.50	5.27%	0.30%	CM-60	
IRIVIS	*Iris virginica var. shrevei*	Southern Blue Flag	5	-5	OBL	1-3'	3	Purple								1,000	16.00	1.00	10.54%	0.21%	CM-120 or M	
LUDALT	*Ludwigia alternifolia*	Seedbox	6	-5	OBL	1.5-3.5	3	Yellow								1,300,000	0.50	0.03	0.33%	8.61%	CM-60	
LYTALA	*Lythrum alatum*	Winged Loosestrife	7	-5	OBL	1-3'	3	Purple								3,000,000	0.125	0.01	0.08%	4.97%	CM-60	
MIMRIN	*Mimulus ringens*	Monkey Flower	6	-5	OBL	1-3'	2	Purple								2,300,000	0.25	0.02	0.16%	7.62%	CM-60	
PENSED	*Penthorum sedoides*	Ditch Stonecrop	5	-5	OBL	1-2'	2	Red								1,300,000	0.25	0.02	0.16%	4.31%	CM-60	
PERHYD	*Persicaria hydropiperoides*	Swamp Smartweed	2	-5	OBL	1-3'	2	White								19,500	6.00	0.38	3.95%	1.55%		
SAGLAT	*Sagittaria latifolia*	Common Arrowhead	4	-5	OBL	1-3'	3	White								61,000	8.00	0.50	5.27%	6.47%	CM-60	
SIUSUA	*Sium suave*	Tall Water Parsnip	7	-5	OBL	2-6'	4	White								50,000	1.00	0.06	0.66%	0.66%	CM-60	
SOLRID	*Solidago riddellii*	Riddell's Goldenrod	7	-5	OBL	2-4'	3	Yellow								93,000	2.00	0.13	1.32%	2.46%	CM-60	
																Wildflower Subtotals		**4.352**	**45.88%**	**50.11%**		
																Mix TOTALS		**9.484**	**100.00%**	**100.00%**		