Your info here

Urban Sedge Meadow

Native species per mix	**57**
Native seeds per square foot	**465**
Native FQI NE Illinois	**43.28**
Native FQI Illinois	**36.27**
Native Mean C Value NE Illinois	**5.73**
Native Mean C Value Illinois	**4.80**
Mean W Value NE Illinois	**(3.39)**
Mean W Value Illinois	**(3.50)**

A caespitose sedge dominated mix with grasses, rushes, and forbs for restored wetlands with good hydric soils and hydrology better than typical detention basins. Our bunch type sedges come easier from seed than rhizomatous sedges, and are more affordable, and realistically available throughout the growing season. The sedge dominated meadow without the rare expensive and usually misused conservative ground water sedges with more relatively conservative forbs. Not for dirty water. Dormant seed.

This seed mix is intended for living, *in situ* soils, not constructed soils at building sites. Never for primary detention!

Graminoids, or grasses, sedges, rushes, and other grasslike plants.

ACRONYMS S&W	ILL	USDA	vPlants	scientific name	common name	family	type	S&W C	S&W index	S&W wet acro	Illinois C	IL wet index	IL wet acro	height	color	M	A	M	J	J	A	S	O	N	seeds/oz	seeds/lb	lb/ac	seeds/ acre	seeds/ftsq	% by weight	% by count
AGRHYE	AGRHYE	AGHY	AGHY	*Agrostis hyemalis*	Hairgrass	*Graminae*	Nt P-Grass	1	1	FAC-	2	1	FAC-	0.5-1.0 (0.8)	na			❀	❀	❀					600,000	9,600,000	0.031	297,600	6.83	0.33%	1.47%
CALCAN	CALCAN	CACA4	CACA4	*Calamagrostis canadensis*	Blue Joint Grass	*Graminae*	Nt P-Grass	3	-5	OBL	3	-5	OBL	2.0-3.5 (2.5)	na				❀						234,375	3,750,000	0.031	116,250	2.67	0.33%	0.57%
CXANNX	CXANNX	CAANX	-	*Carex annectens xanthocarpa*	Yellow Sedge	*Cyperaceae*	Nt P-Sedge	7	0	[FAC]	3	-3	FACW	1.5-2.5 (2.0)	na			❀	❀						93,750	1,500,000	0.125	187,500	4.30	1.32%	0.93%
CXBEBB	CXBEBB	CABE2	CABE2	*Carex bebbii*	Bebb's Sedge	*Cyperaceae*	Nt P-Sedge	6	-5	OBL	8	-5	OBL	2.0-3.0 (2.5)	na			❀	❀						112,500	1,800,000	0.250	450,000	10.33	2.64%	2.22%
CXCOMO	CXCOMO	CACO8	CACO8	*Carex comosa*	Bristly Sedge	*Cyperaceae*	Nt P-Sedge	5	-5	OBL	6	-5	OBL	1.0-2.5 (1.5)	na			❀	❀						30,000	480,000	0.188	90,240	2.07	1.98%	0.45%
CXGRAN	CXGRNG	CAGR3	CAGR3	*Carex granularis*	Meadow Sedge	*Cyperaceae*	Nt P-Sedge	4	-4	FACW+	2	-4	FACW+	1.0-1.5 (1.3)	na		❀	❀	❀						20,625	330,000	0.031	10,230	0.23	0.33%	0.05%
CXHYST	CXHYST	CAHY4	CAHY4	*Carex hystericina*	Porcupine Sedge	*Cyperaceae*	Nt P-Sedge	5	-5	OBL	6	-5	OBL	1.0-2.0 (1.5)	na			❀	❀						28,125	450,000	0.250	112,500	2.58	2.64%	0.56%
CXLUPF	CXLUPF	CALU3	CALU3	*Carex lupuliformis*	Knobbed Hop Sedge	*Cyperaceae*	Nt P-Sedge	10	-5	[OBL]	5	-4	FACW+	2.0-3.0 (2.5)	na			❀	❀						5,125	82,000	0.125	10,250	0.24	1.32%	0.05%
CXPROJ	CXPROJ	CAPR9	CAPR9	*Carex projecta*	Necklace Sedge	*Cyperaceae*	Nt P-Sedge	4	-4	FACW+	4	-5	OBL	1.5-3.0 (2.3)	na			❀	❀						93,750	1,500,000	0.125	187,500	4.30	1.32%	0.93%
CXSCOP	CXSCOP	CASCS	CASCS	*Carex scoparia*	Pointed Broom Sedge	*Cyperaceae*	Nt P-Sedge	7	-3	FACW	5	-3	FACW	1.0-3.0 (2.0)	na			❀	❀						87,500	1,400,000	0.250	350,000	8.03	2.64%	1.73%
CXVULP	CXVULP	CAVU2	CAVU2	*Carex vulpinoidea*	Fox Sedge	*Cyperaceae*	Nt P-Sedge	2	-5	OBL	3	-5	OBL	2.0-3.0 (2.5)	na			❀	❀						97,188	1,555,000	0.500	777,500	17.85	5.27%	3.84%
ECHWAL	ECHWAL	ECWA	ECWA	*Echinochloa walteri*	Saltmarsh Cockspur Grass	*Graminae*	Nt A-Grass	8	-5	OBL	5	-5	OBL	1.5-3.5 (2.5)	na						❀	❀			25,813	413,000	0.063	26,019	0.60	0.66%	0.13%
ELEERY	ELEERY	ELER	ELER	*Eleocharis erythropoda {E calva}*	Redroot Spike Rush	*Cyperaceae*	Nt P-Sedge	2	-5	OBL	3	-5	OBL	1.0-2.0 (1.5)	na					❀	❀	❀	❀		68,750	1,100,000	0.063	69,300	1.59	0.66%	0.34%
ELEPAM	ELEPAL	ELPA3	ELPA3	*Eleocharis palustris major*	Great Spike Rush	*Cyperaceae*	Nt P-Sedge	10	-5	OBL	8	-5	OBL	0.3-3.3 (1.8)	na				❀	❀	❀	❀			87,500	1,400,000	0.063	88,200	2.02	0.66%	0.44%
ELYCAN	ELECAN	ELCA4	ELCA4	*Elymus canadensis*	Canada Wild Rye	*Graminae*	Nt P-Grass	4	1	FAC-	4	1	FAC-	2.0-4.0 (3.0)	na				❀	❀					7,500	120,000	1.000	120,000	2.75	10.54%	0.59%
ELYVIR	ELYVIR	ELVI3	ELVIV	*Elymus virginicus*	Virginia Wild Rye	*Graminae*	Nt P-Grass	4	-2	FACW-	4	-2	FACW-	1.5-3.0 (2.3)	na				❀	❀					5,750	92,000	2.000	184,000	4.22	21.09%	0.91%
JUNDUD	JUNDUD	JUDU2	JUDU2	*Juncus dudleyi*	Dudley's Rush	*Juncaceae*	Nt P-Rush	4	0	[FAC]	4	0	FAC	1.0-2.0 (1.5)	green			❀	❀		❀	❀	❀	❀	3,750,000	60,000,000	0.031	1,860,000	42.70	0.33%	9.19%
JUNEFF	JUNEFS	JUEF	JUEF	*Juncus effusus*	Common Rush	*Juncaceae*	Nt P-Rush	7	-5	OBL	4	-5	OBL	1.0-2.0 (1.5)	green			❀	❀		❀	❀	❀		2,812,500	45,000,000	0.031	1,395,000	32.02	0.33%	6.89%
JUNTOR	JUNTOR	JUTO	JUTO	*Juncus torreyi*	Torrey's Rush	*Juncaceae*	Nt P-Rush	4	-3	FACW	3	-3	FACW	0.5-1.5 (1.0)	green					❀	❀	❀			2,375,000	38,000,000	0.031	1,178,000	27.04	0.33%	5.82%
LEEORY	LEEORY	LEOR	LEOR	*Leersia oryzoides*	Rice Cut Grass	*Graminae*	Nt P-Grass	4	-5	OBL	3	-5	OBL	2.0-3.0 (2.5)	na						❀	❀	❀		25,625	410,000	0.125	51,250	1.18	1.32%	0.25%
POAPAS	POAPAS	POPA2	POPA2	*Poa palustris*	Marsh Blue Grass	*Graminae*	Nt P-Grass	9	-4	FACW+	7	-4	FACW+	1.0-2.0 (1.5)	na			❀	❀	❀					168,750	2,700,000	0.375	1,012,500	23.24	3.95%	5.00%
SCIATR	SCIATR	SCAT2	SCAT2	*Scirpus atrovirens*	Dark Green Rush	*Cyperaceae*	Nt P-Sedge	4	-5	OBL	4	-5	OBL	2.0-5.0 (3.5)	brown			❀	❀	❀	❀				581,250	9,300,000	0.375	3,487,500	80.06	3.95%	17.22%
SCICYP	SCICYP	SCCY	SCCY	*Scirpus cyperinus*	Wool Grass	*Cyperaceae*	Nt P-Sedge	6	-5	OBL	5	-5	OBL	2.0-5.0 (3.5)	brown				❀	❀	❀	❀			137,500	2,200,000	0.063	138,600	3.18	0.66%	0.68%
SPAPEC	SPAPEC	SPPE	SPPE	*Spartina pectinata*	Prairie Cord Grass	*Graminae*	Nt P-Grass	4	-4	FACW+	4	-4	FACW+	3.0-6.0 (4.5)	na					❀	❀		❀	❀	10,875	174,000	0.500	87,000	2.00	5.27%	0.43%
																									Graminoid totals		6.626	12,286,939	282	69.87%	60.68%

Forbs

ACRONYMS S&W	ILL	USDA	vPlants	scientific name	common name	family	type	S&W C	S&W wet index	S&W wet acro	Illinois C	IL wet index	IL wet acro	height	color	M	A	M	J	J	A	S	O	N	seeds/oz	seeds/lb	lb/ac	seeds/ acre	seeds/ftsq	% by weight	% by count
ANGATR	ANGATR	ANAT	ANAT	*Angelica atropurpurea*	Angelica	*Umbelliferae*	Nt P-Forb	7	-5	OBL	6	-5	OBL	5.0-7.0 (6.0)	green			❀	❀						5,750	92,000	0.125	11,500	0.26	1.32%	0.06%
BIDCER	BIDCER	BICE	BICE	*Bidens cernua*	Nodding Bur Marigold	*Compositae*	Nt A-Forb	5	-5	OBL	2	-5	OBL	1.0-4.0 (2.5)	yellow				❀		❀	❀	❀		20,625	330,000	0.031	10,230	0.23	0.33%	0.05%
EPICOL	EPICOL	EPCO	EPCO	*Epilobium coloratum*	Cinnamon Willow Herb	*Onagraceae*	Nt P-Forb	3	-5	OBL	3	-5	OBL	1.5-2.5 (2.0)	pink					❀	❀	❀			425,000	6,800,000	0.015	102,000	2.34	0.16%	0.50%
EUPPER	EUPPER	EUPE3	EUPE3	*Eupatorium perfoliatum*	Thoroughwort	*Compositae*	Nt P-Forb	4	-4	FACW+	4	-4	FACW+	1.5-3.0 (2.3)	white					❀	❀	❀			196,875	3,150,000	0.031	97,650	2.24	0.33%	0.48%
EUPMAC	EUPMAC	EUMA6	EUMA6	*Eutrochium maculatum {Eupatorium m} *Eupatoriadelphus m**	Spotted Joe Pye Weed	*Compositae*	Nt P-Forb	4	-5	OBL	5	-5	OBL	4.0-6.0 (5.0)	pink					❀	❀				96,875	1,550,000	0.063	97,650	2.24	0.66%	0.48%
GENAND	GENAND	GEAN	GEAN	*Gentiana andrewsii*	Bottle Gentian	*Gentianaceae*	Nt P-Forb	8	-3	FACW	7	-3	FACW	1.0-2.0 (1.5)	blue						❀	❀	❀		500,000	8,000,000	0.125	1,000,000	22.96	1.32%	4.94%
GEUALS	GEUALE	GEAL3	GEALS2	*Geum allepicum strictum*	Yellow Avens	*Rosaceae*	Nt P-Forb	7	-1	FAC+	6	-1	FAC+	2.0-4.0 (3.0)	yellow			❀	❀	❀					7,000	112,000	0.031	3,472	0.08	0.33%	0.02%
CACSUA	CACSUA	HASU3	CASU	*Hasteola suaveolens {Cacalia s}*	Sweet Indian Plantain	*Compositae*	Nt P-Forb	10	-5	OBL	10	-5	OBL	2.0-4.0 (3.0)	white					❀	❀	❀			15,625	250,000	0.031	7,750	0.18	0.33%	0.04%
HELAUT	HELAUT	HEAU	HEAU	*Helenium autumnale*	Sneezeweed	*Compositae*	Nt P-Forb	5	-4	FACW+	3	-4	FACW+	2.0-4.0 (3.0	yellow					❀	❀	❀	❀		131,250	2,100,000	0.125	262,500	6.03	1.32%	1.30%
LIASPI	LIASPI	LISP	LISP	*Liatris spicata*	Spike Blazingstar	*Compositae*	Nt P-Forb	6	0	FAC	7	0	FAC	1.0-4.0 (2.0)	lavender					❀	❀	❀			10,188	163,000	0.125	20,375	0.47	1.32%	0.10%
LYCAME	LYCAME	LYAM	LYAM	*Lycopus americanus*	Common Water Horehound	*Labiatae*	Nt P-Forb	5	-5	OBL	3	-5	OBL	1.5-3.0 (2.3)	white					❀	❀	❀			18,438	295,000	0.063	18,585	0.43	0.66%	0.09%
LYSHYB	LYSHYB	LYHY	LYHY	*Lysimachia hybrida*	River Loosestrife	*Primulaceae*	Nt P-Forb	10	-5	OBL	7	-5	OBL	2.0-3.0 (2.5)	yellow				❀	❀					68,750	1,100,000	0.031	34,100	0.78	0.33%	0.17%
LYTALA	LYTALA	LYAL4	LYAL4	*Lythrum alatum*	Winged Loosestrife	*Lythraceae*	Nt P-Forb	7	-5	OBL	5	-5	OBL	1.0-3.0 (2.0)	purple				❀	❀	❀	❀			1,562,500	25,000,000	0.015	375,000	8.61	0.16%	1.85%
MIMRIN	MIMRIN	MIRI	MIRI	*Mimulus ringens*	Monkey Flower	*Scrophulariaceae*	Nt P-Forb	6	-5	OBL	5	-5	OBL	1.0-2.0 (1.5)	blue				❀	❀	❀	❀			2,812,500	45,000,000	0.015	675,000	15.50	0.16%	3.33%
MONFIS	MONFIS	MOFI	MOFI	*Monarda fistulosa*	Bergamont	*Labiatae*	Nt P-Forb	4	3	FACU	4	3	FACU	2.0-4.0 (3.0)	pink					❀	❀	❀			68,750	1,100,000	0.125	137,500	3.16	1.32%	0.68%
NAPDIO	NAPDIO	NADI2	NADI2	*Napaea dioica*	Glade Mallow	*Malvaceae*	Nt P-Forb	10	-2	FACW-	4	-2	FACW-	4.0-8.0 (5.0)	white				❀	❀	❀				4,188	67,000	0.125	8,375	0.19	1.32%	0.04%
SOLOHI	SOLOHI	OLOH	SOOH	*Oligoneuron ohioense [Solidago o]*	Ohio Goldenrod	*Compositae*	Nt P-Forb	9	-5	OBL	10	-5	OBL	2.0-3.0 (2.5)	yellow					❀	❀	❀			121,875	1,950,000	0.015	29,250	0.67	0.16%	0.14%
SOLRID	SOLRID	OLRI	SORI	*Oligoneuron riddellii {Solidago r}*	Riddell's Goldenrod	*Compositae*	Nt P-Forb	7	-5	OBL	7	-5	OBL	1.0-4.0 (2.0)	yellow						❀	❀	❀		118,750	1,900,000	0.125	237,500	5.45	1.32%	1.17%
PENDIG	PENDIG	PEDI	PEDI	*Penstemon digitalis*	Foxglove Beardtongue	*Scrophulariaceae*	Nt P-Forb	4	1	FAC-	4	1	FAC-	1.0-2.5 (1.7)	white			❀	❀						112,500	1,800,000	0.125	225,000	5.17	1.32%	1.11%
PENSED	PENSED	PESE6	PESE6	*Penthorum sedoides*	Ditch Stonecrop	*Crassulaceae (Saxifragaceae)*	Nt P-Forb	5	-5	OBL	2	-5	OBL	1.0-2.0 (1.5)	green				❀	❀	❀	🌶	🌶		3,687,500	59,000,000	0.031	1,829,000	41.99	0.33%	9.03%
PHYVIV	PHYVIN	PHVIV	PHVIV	*Physostegia virginiana*	False Dragonhead	*Labiatae*	Nt P-Forb	6	-5	OBL	6	-3	FACW	2.0-4.0 (3.0)	pink						❀	❀			14,438	231,000	0.063	14,553	0.33	0.66%	0.07%
PYCTEN	PYCTEN	PYTE	PYTE	*Pycnanthemum tenuifolium*	Slender Mt. Mint	*Labiatae*	Nt P-Forb	7	0	FAC	4	0	FAC	1.0-2.0 (1.5)	white				❀	❀	❀	❀			481,250	7,700,000	0.063	485,100	11.14	0.66%	2.40%
PYCVIR	PYCVIR	PYVI	PYVI	*Pycnanthemum virginianum*	Common Mt Mint	*Labiatae*	Nt P-Forb	5	-4	FACW+	5	-4	FACW+	1.0-3.0 (2.0)	white				❀	❀	❀				281,250	4,500,000	0.125	562,500	12.91	1.32%	2.78%
ROSPAL	ROSPAL	ROPA	ROPA	*Rosa palustris*	Swamp Rose	*Rosaceae*	Nt Shrub	7	-5	OBL	7	-5	OBL	3.0-5.0 (4.0)	pink				❀	❀	❀				2,500	40,000	0.015	600	0.01	0.16%	0.00%
RUDSUB	RUDSUB	RUSU	RUSU	*Rudbeckia subtomentosa*	Sweet Coneflower	*Compositae*	Nt P-Forb	9	2	FACU+	5	-3	FACW	2.0-4.0 (3.0)	yellow				❀	❀	❀				46,250	740,000	0.188	139,120	3.19	1.98%	0.69%
SOLGIG	SOLGIG	SOGI	SOGI	*Solidago gigantea*	Late Goldenrod	*Compositae*	Nt P-Forb	4	-3	FACW	3	-3	FACW	4.0-7.0 (5.5)	yellow							❀	❀		362,500	5,800,000	0.063	365,400	8.39	0.66%	1.80%
ASTNOV	ASTNOV	SYNO2	ASNO	*Symphyotrichum novae-angliae {Aster n}*	New England Aster	*Compositae*	Nt P-Forb	4	-3	FACW	4	-3	FACW	3.0-5.0 (4.0)	blue						❀	❀	❀	❀	87,500	1,400,000	0.125	175,000	4.02	1.32%	0.86%
ASTPUP	ASTPUN	SYPUP	ASPU5	*Symphyotrichum puniceum {Aster p}*	Swamp Aster	*Compositae*	Nt P-Forb	8	-5	OBL	7	-5	OBL	4.5-5.5 (5.0)	blue						❀	❀	❀		100,000	1,600,000	0.031	49,600	1.14	0.33%	0.24%
THADAD	THADAD	THDA	THDA	*Thalictrum dasycarpum*	Purple Meadow Rue	*Ranunculaceae*	Nt P-Forb	5	-2	FACW-	5	-2	FACW-	3.5-7.0 (4.0)	cream				❀	❀					13,375	214,000	0.125	26,750	0.61	1.32%	0.13%
VERHAS	VERHAS	VEHA2	VEHA2	*Verbena hastata*	Blue Vervain	*Verbenaceae*	Nt P-Forb	4	-4	FACW+	3	-4	FACW+	2.0-6.0 (3.0)	blue					❀	❀	❀			112,500	1,800,000	0.500	900,000	20.66	5.27%	4.44%
VERFAS	VERFAS	VEFA2	VEFA2	*Vernonia fasciculata*	Common Ironweed	*Compositae*	Nt P-Forb	5	-3	FACW	5	-3	FACW	3.0-6.0 (4.0)	purple					❀	❀	❀			29,375	470,000	0.125	58,750	1.35	1.32%	0.29%
ZIZAUR	ZIZAUR	ZIAU	ZIAU	*Zizia aurea*	Golden Alexander	*Umbelliferae*	Nt P-Forb	7	-1	FAC+	6	-1	FAC+	1.0-2.5 (2.0)	yellow		❀	❀	❀						12,500	200,000	0.063	12,600	0.29	0.66%	0.06%
v071012																									Forb totals		2.858	7,960,910	183	28.82%	39.32%
All items subject to availability. Mix composition may vary seasonally								5.73	-3.39		4.80	-3.50													Graminoid & forb totals		9.484	20,247,849	465	98.68%	100.00%

Key

❀	main bloom
❀	extended bloom
☘	fall leaf color
🌶	fruit color
[Abc]	new scientific name
{Abc}	old scientific name
Abc	transitional name

Yellow is uncertain data

OBL = -5, FACW+ = -4, FACW = -3, FACW- = -2, FAC+ = -1, FAC = 0, FAC- = 1, FACU+ = 2, FACU = 3, FACU- = 4, UPL = 5.

Graminoids include *Graminae* (grasses), *Cyperaceae* (sedges), *Juncaceae* (rushes), *Sparganaceae* (burreeds), and *Acoraceae* (sweetflag)
Forbs are herbs and select shrubs, which typically behave as herbaceous in a fire managed context, both having more or less showy flowers.

New and old scientific names are relative terms. Many 'new' names are actually names that were in use 80 to 100 years ago, but were replaced by the names with which we have become accustomed. New is used in the sense that the names have recently come into use or will be soon in Illinois.