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Low Profile Salt Tolerant Wetland / Detention
 "Native" species per mix **15**
 Native seeds per square foot **592**
 Native FQI NE Illinois **19.36**
 Native FQI Illinois **14.85**
 Native Mean C Value NE Illinois **5.00**
 Native Mean C Value Illinois **3.83**
 Mean W Value NE Illinois **(4.29)**
 Mean W Value Illinois **(4.79)**

A mix of shorter salt tolerant natives & western US adventives (& nurse crops) which are known from alkaline roadside wetlands. Best dormant seeded.

Salt tolerant wetland plants for Illinois are difficult, for we have few native saline sites. The adventives in this mix are known from wet saline and alkaline roadsides in northern Illinois. Greater diversity always increases the chance for a successful planting, but shorter plantings diminish diversity. Why is height a concern for a planting which must be in a topographic low & physically looked down upon? Can we say strict toilet training?

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

ACRONYMS												bloom time																			
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
AGRALP	AGRALP	AGST2	AGST2	<i>Agrostis stolonifera</i> { <i>A alba palustris</i> }	Bentgrass	Graminae	Nt P-Grass	10	-5	[OBL]	8	-3	FACW	1.0-2.0 (1.5)	na										400,000	6,400,000	2,000	12,800,000	293.85	28.31%	49.66%
SCIPAI	SCIPAL	SCMA8	BOMA7	<i>Bolboschoenus maritimus</i> { <i>Scirpus paludosus</i> } * <i>Schoenoplectus m</i> *	Alkali Bulrush	Cyperaceae	Nt P-Sedge	*	0	[FAC]	4	-5	OBL	2.0-4.5 (3.3)	brown										26,875	430,000	0.375	161,250	3.70	5.31%	0.63%
CXNEBR	CXNEBR	CANE2	CANE2	<i>Carex nebraskensis</i>	Nebraska Sedge	Cyperaceae	Nt P-Sedge	*	-5	OBL	*	-5	OBL	1.5-2.0 (1.8)	na										33,750	540,000	0.250	135,000	3.10	3.54%	0.52%
CXPRAE	CXPRAE	CAPR5	CAPR5	<i>Carex praegracilis</i>	Expressway Sedge	Cyperaceae	Nt P-Sedge	*	-3	FACW	*	-3	FACW	1.5-2.0 (1.8)	na										37,000	592,000	0.250	148,000	3.40	3.54%	0.57%
CXSTIP	CXSTIP	CAST5	CAST5	<i>Carex stipata</i>	Awlfuit Sedge	Cyperaceae	Nt P-Sedge	3	-5	OBL	2	-5	OBL	2.0-3.0 (2.5)	na										35,000	560,000	0.063	35,280	0.81	0.89%	0.14%
CRXVULP	CXVULP	CAVU2	CAVU2	<i>Carex vulpinoidea</i>	Fox Sedge	Cyperaceae	Nt P-Sedge	2	-5	OBL	3	-5	OBL	2.0-3.0 (2.5)	na										97,188	1,555,000	1,000	1,555,000	35.70	14.16%	6.03%
ELEPAM	ELEPAL	ELPA3	ELPA3	<i>Eleocharis palustris major</i>	Great Spikerush	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	0.89%	0.34%
JUNBAL	JUNBAL	JUARL	JUBAL	<i>Juncus balticus littoralis</i> [<i>J arcticus</i> l]	Lake Shore Rush	Juncaceae	Nt P-Rush	6	-3	[FACW]	6	-5	OBL	1.0-2.5 (1.7)	green										593,750	9,500,000	0.188	1,786,000	41.00	2.66%	6.93%
JUNEFF	JUNEF5	JUEF	JUEF	<i>Juncus effusus</i>	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	0.094	4,230,000	97.11	1.33%	16.41%
JUNNOO	JUNNOS	JUNO2	JUNO2	<i>Juncus nodosus</i>	Joint Rush	Juncaceae	Nt P-Rush	6	-5	OBL	6	-5	OBL	0.72-1.3 (1.0)	green										1,656,250	26,500,000	0.031	821,500	18.86	0.44%	3.19%
SCIPUN	SCIAME	SCPU10	SCPU10	<i>Schoenoplectus pungens</i> { <i>Scirpus p</i> }	Chairmakers Rush	Cyperaceae	Nt P-Sedge	5	-5	OBL	3	-5	OBL	3.0-4.0 (3.5)	brown										14,063	225,000	0.250	56,250	1.29	3.54%	0.22%
Graminoid totals																										4,564	21,816,480	501	64.61%	84.65%	

Forbs

ACRONYMS												bloom time																				
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	
ALISUB	ALIPPA	ALSU	ALSU	<i>Alisma subcordatum</i>	Common Water Plantain	Alismataceae	Nt P-Forb	4	-5	OBL	2	-5	OBL	1.0-3.0 (2.0)	white											81,250	1,300,000	1,000	1,300,000	29.84	14.16%	5.04%
BIDCER	BIDCER	BICE	BICE	<i>Bidens cernua</i>	Nodding Bur Marigold	Compositae	Nt A-Forb	5	-5	OBL	2	-5	OBL	1.0-4.0 (2.5)	yellow											20,625	330,000	0.250	82,500	1.89	3.54%	0.32%
ASTSIS	ASTSIM	SYLAL4	ASLA80	<i>Symphoricarion lanceolatum</i> { <i>Aster simplex</i> } *A*	Panicled Aster	Compositae	Nt P-Forb	3	-5	OBL	3	-5	OBL	4.0-5.0 (4.5)	white											193,750	3,100,000	0.250	775,000	17.79	3.54%	3.01%
VERHAS	VERHAS	VEHA2	VEHA2	<i>Verbena hastata</i>	Blue Vervain	Verbenaceae	Nt P-Forb	4	-4	FACW+	3	-4	FACW+	2.0-6.0 (3.0)	blue											112,500	1,800,000	1,000	1,800,000	41.32	14.16%	6.98%
Forb totals																										2,500	3,957,500	91	35.39%	15.35%		
Graminoid & forb totals																										7,064	25,773,980	592	100.00%	100.00%		

Nurse Crop

ACRONYMS												bloom time																		
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	
AGRALA	AGRALA	AGG12	AGG12	<i>Agrostis gigantea</i> { <i>A alba</i> }	Red Top Grass	Graminae	Ad P-Grass	0	-3	FACW	0	-3	FACW	2.5-3.5 (3.0)	na											312,500	5,000,000	3,000	15,000,000	344.35
AVESAT	AVESAT	AVSA	AVSA	<i>Avena sativa</i>	Oats	Graminae	Ad A-Grass	*	5	UPL	*	5	UPL	2.0-3.0 (2.5)	na										938	15,000	32,000	480,000	11.02	
DISSTR	DISSTR	DISP	DISP	<i>Distichlis spicata</i>	Salt Grass	Graminae	Ad P-Grass	*	5	UPL	*	5	UPL	na	na										37,500	600,000	1,000	600,000	13.77	
LOLMUL	LOLMUL	LOPEM2	LOMU	<i>Lolium multiflorum</i> [<i>L perenne m</i>]	Italian Rye	Graminae	Ad A-Grass	*	5	UPL	*	5	UPL	2.0-3.0 (2.5)	na										14,188	227,000	5,000	1,135,000	26.06	
PUCDIS	PUCDIS	PUDI	PUDI	<i>Puccinellia distans</i>	Alkali Grass	Graminae	Ad P-Grass	*	3	[FACU]	*	-5	OBL	0.5-1.3 (0.9)	na										75,000	1,200,000	5,000	6,000,000	137.74	
Nurse Crop totals																										46,000	23,215,000	533		

All items subject to availability. Mix composition may vary seasonally

If your client has to look down upon short plants in a hole, you have failed to properly educate them on natives!

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.

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