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Emergent Seed (dry seeded)

Native species per mix	22
Native seeds per square foot	344
Native FQI NE Illinois	24.73
Native FQI Illinois	20.77
Native Mean C Value NE Illinois	5.27
Native Mean C Value Illinois	4.43
Mean W Value NE Illinois	(4.77)
Mean W Value Illinois	(4.77)

This emergent seed mix can be planted as dried seed on dry soil before the wetland comes to normal water level.

A grass, sedge, rush & forb seed mix for shorelines & emergent mud flats, with gradual slopes down from the spring high water level. This mix works only when water levels drop seasonally. Do not plant below normal water level unless basin has a stoplog for dewatering, or you are wasting seed. Very little germination will occur under water. Dormant seed & net. Seedlings must be 18" tall before flooding, possibly taking two growing seasons! If there is a perpetual never lowering, normal waterlevel, use emergent & shoreline plugs. Expect zonation to develop in this community. This mix is intended to supplement a plug planting, you cheap _____.

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	bloom time							seeds/oz	seeds/lb	lb/ac	seeds/ acre	seeds/ftsq	% by weight	% by count
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
ACOCAL	ACOAME	ACAM	ACAM	<i>Acorus americanus</i> { <i>A. calamus</i> }	Sweet Flag	<i>Acoraceae</i>	Nt P-Forb	7	-5	OBL	4	-5	OBL	1.0-3.0 (2.0)	green										6,938	111,000	0.250	27,750	0.64	4.21%	0.19%
SCIFLU	SCIFLU	SCFL	BOFL3	<i>Bolboschoenus fluviatilis</i> [<i>Scirpus</i> f] *	River Bulrush	<i>Cyperaceae</i>	Nt P-Sedge	4	-5	OBL	3	-5	OBL	5.0-6.0 (5.5)	brown										4,438	71,000	0.125	8,875	0.20	2.10%	0.06%
CXCOMO	CXCOMO	CAC08	CAC08	<i>Carex comosa</i>	Bristly Sedge	<i>Cyperaceae</i>	Nt P-Sedge	5	-5	OBL	6	-5	OBL	1.0-2.5 (1.5)	na										30,000	480,000	0.375	180,000	4.13	6.31%	1.20%
ECHCRU	ECHCRU	ECCR	ECCR	<i>Echinochloa crusgalli</i>	Barnyard Grass	<i>Graminae</i>	Nt A-Grass	0	-3	FACW*	-3	FACW*	1.5-3.5 (2.5)	na											7,375	118,000	2.000	236,000	5.42	33.64%	1.58%
ELEERY	ELEERY	ELER	ELER	<i>Eleocharis erythropoda</i> { <i>E. calva</i> }	Redroot Spike Rush	<i>Cyperaceae</i>	Nt P-Sedge	2	-5	OBL	3	-5	OBL	1.0-2.0 (1.5)	na										68,750	1,100,000	0.031	34,100	0.78	0.52%	0.23%
ELEOBT	ELEOBT	ELOB2	ELOB2	<i>Eleocharis obtusa</i>	Blunt Spike Rush	<i>Cyperaceae</i>	Nt A-Sedge	3	-5	OBL	2	-5	OBL	1.0-1.5 (1.3)	na										131,250	2,100,000	0.031	65,100	1.49	0.52%	0.43%
ELEPAM	ELEPAL	ELPA3	ELPA3	<i>Eleocharis palustris major</i>	Great Spike Rush	<i>Cyperaceae</i>	Nt P-Sedge	10	-5	OBL	8	-5	OBL	0.3-3.3 (1.8)	na										87,500	1,400,000	0.031	43,400	1.00	0.52%	0.29%
GLYGRA	GLYGRA	GLGR	GLGR	<i>Glyceria grandis</i>	Reed Manna Grass	<i>Graminae</i>	Nt P-Grass	10	-5	OBL	8	-5	OBL	6.0-9.0 (7.5)	na										84,375	1,350,000	0.125	168,750	3.87	2.10%	1.13%
JUNEF	JUNEF	JUEF	JUEF	<i>Juncus effusus</i>	Common Rush	<i>Juncaceae</i>	Nt P-Rush	7	-5	OBL	4	-5	OBL	1.0-2.0 (1.5)	green										2,812,500	45,000,000	0.125	5,625,000	129.13	2.10%	37.57%
JUNTOR	JUNTOR	JUTO	JUTO	<i>Juncus torreyi</i>	Torrey's Rush	<i>Juncaceae</i>	Nt P-Rush	4	-3	FACW*	3	-3	FACW*	0.5-1.5 (1.0)	green										2,375,000	38,000,000	0.188	7,144,000	164.00	3.16%	47.72%
LEORY	LEORY	LEOR	LEOR	<i>Leersia oryzoides</i>	Rice Cut Grass	<i>Graminae</i>	Nt P-Grass	4	-5	OBL	3	-5	OBL	2.0-3.0 (2.5)	na										25,625	410,000	0.500	205,000	4.71	8.41%	1.37%
SCIACU	SCIACU	SCACA	SCACA	<i>Schoenoplectus acutus</i> [<i>Scirpus a</i>]	Hard Stem Bulrush	<i>Cyperaceae</i>	Nt P-Sedge	6	-5	OBL	6	-5	OBL	5.0-6.0 (5.5)	na										26,250	420,000	0.063	26,460	0.61	1.06%	0.18%
SCIPUN	SCIAME	SCPU10	SCPU10	<i>Schoenoplectus pungens</i> [<i>Scirpus p</i>]	Chairmakers Rush	<i>Cyperaceae</i>	Nt P-Sedge	5	-5	OBL	3	-5	OBL	3.0-4.0 (3.5)	brown										14,063	225,000	0.125	28,125	0.65	2.10%	0.19%
SCIVAC	SCITAB	SCTA2	SCTA2	<i>Schoenoplectus tabernaemontani</i> [<i>Scirpus validus</i>]	Great Bulrush	<i>Cyperaceae</i>	Nt P-Sedge	5	-5	OBL	4	-5	OBL	3.0-6.0 (4.0)	brown										35,000	560,000	0.250	140,000	3.21	4.21%	0.94%
SPAEUR	SPAEUR	SPEU	SPEU	<i>Sparganium eurycarpum</i>	Bar Reed	<i>Sparganiaceae</i>	Nt P-Grasslike	6	-5	OBL	5	-5	OBL	2.0-5.0 (4.0)	white										794	12,700	0.100	1,270	0.03	1.68%	0.01%
SPAPEC	SPAPEC	SPPE	SPPE	<i>Spartina pectinata</i>	Prairie Cord Grass	<i>Graminae</i>	Nt P-Grass	4	-4	FACW+	4	-4	FACW+	3.0-6.0 (4.5)	na										10,875	174,000	0.375	65,250	1.50	6.31%	0.44%
Graminoid totals																											4.694	13,999,080	321	78.96%	93.51%

Forbs

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	bloom time							seeds/oz	seeds/lb	lb/ac	seeds/ acre	seeds/ftsq	% by weight	% by count
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	<i>Alismataceae</i>	Nt P-Forb	4	-5	OBL	2	-5	OBL	1.0-3.0 (2.0)	white										81,250	1,300,000	0.250	325,000	7.46	4.21%	2.17%
CEPOCC	CEPOCC	CEOC2	CEOC2	<i>Cephalanthus occidentalis</i>	Button Bush	<i>Rubiaceae</i>	Nt Shrub	5	-5	OBL	4	-5	OBL	8.0-15.0	white										8,125	130,000	0.125	16,250	0.37	2.10%	0.11%
HIBLAE	HIBLAE	HILA2	HILA2	<i>Hibiscus laevis</i> (<i>H. militaris</i>)	Halbendleaf Rose Mallow	<i>Malvaceae</i>	Nt P-Forb	6	-5	OBL	4	-5	OBL	3.0-6.0 (4.5)	pink										24,375	390,000	0.063	24,570	0.56	1.06%	0.16%
IRIVIS	IRISHR	IRVIS	IRVIS	<i>Iris virginica shrevei</i> { <i>I. shrevei</i> }	Blue Flag Iris	<i>Iridaceae</i>	Nt P-Forb	5	-5	OBL	5	-5	OBL	2.0-4.0 (3.0)	blue										1,063	17,000	0.250	4,250	0.10	4.21%	0.03%
PONCOR	PONCOR	POCO14	POCO14	<i>Pontederia cordata</i>	Pickeralweed	<i>Pontederiaceae</i>	Nt P-Forb	10	-5	OBL	8	-5	OBL	1.0-3.0 (2.0)	blue										1,750	28,000	0.063	1,764	0.04	1.06%	0.01%
SAGLAT	SAGLAT	SALA2	SALA2	<i>Sagittaria latifolia</i>	Common Arrowhead	<i>Alismataceae</i>	Nt P-Forb	4	-5	OBL	4	-5	OBL	2.0-4.0 (2.5)	white										75,000	1,200,000	0.500	600,000	13.77	8.41%	4.01%
Forb totals																											1.251	971,834	22	21.04%	6.49%
Graminoid & forb totals																											5.945	14,970,914	344	100.00%	100.00%

All items subject to availability. Mix composition may vary seasonally

5.27 -4.77 4.43 -4.77

Key

- main bloom
- extended bloom
- fall leaf color
- fruit color
- [Abc] new scientific name
- {Abc} old scientific name
- *Abc* transitional name
- ∅ uncertain data
- 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), *Sparganiaceae* (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.