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Vegetated Drainage Swale Seed

Native species per mix	35
Native seeds per square foot	609
Native FQI NE Illinois	28.40
Native FQI Illinois	24.17
Native Mean C Value NE Illinois	4.80
Native Mean C Value Illinois	4.09
Mean W Value NE Illinois	(3.83)
Mean W Value Illinois	(3.71)

A grass, sedge, and forb seed mix for low areas where water collects or runs after heavy rains, and the soil remains moist between rains. An integral part of any native landscape. If drainage is from parking lots, salted roads, etc, or chemically laden, toxic turf, use Sedge Ghetto or Urban Wetland/Floodplain. Best if dormant seeded.

The term drainage swale is a relative term that denotes a topographic low in the landscape that periodically receives excess runoff precipitation. It has no connotation of long-term soil moisture or the type of vegetation that will grow in the swale. Our

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

ACRONYMS		S&W		S&W wet		S&W wet		Illinois		IL wet		IL wet		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	C	index	acro	C	index	acro	height	color	M	A	M	J	J	A	S	O	N								
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	0.063	6,993	0.16	0.64%	0.03%
AGRALP	AGRALP	AGST2	AGST2	<i>Agrostis stolonifera</i> { <i>A alba palustris</i> }	Bent Grass	<i>Graminae</i>	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	20.34%	48.25%
CXBEBB	CXBEBB	CABE2	CABE2	<i>Carex Bebbii</i>	Bebb's Sedge	<i>Cyperaceae</i>	Nt P-Sedge	6	-5	OBL	8	-5	OBL	2.0-3.0 (2.5)	na											112,500	1,800,000	0.500	900,000	20.66	5.09%	3.39%
CXCRIS	CXCRIS	CACR7	CACR7	<i>Carex cristatella</i>	Crested Oval Sedge	<i>Cyperaceae</i>	Nt P-Sedge	4	-4	FACW+	3	-4	FACW+	1.5-3.0 (2.3)	na											112,500	1,800,000	0.125	225,000	5.17	1.27%	0.85%
CXSOP	CXSOP	CASC5	CASC5	<i>Carex scoparia</i>	Pointed Broom Sedge	<i>Cyperaceae</i>	Nt P-Sedge	7	-3	FACW	5	-3	FACW	1.0-3.0 (2.0)	na											87,500	1,400,000	0.188	263,200	6.04	1.91%	0.99%
CXSTIP	CXSTIP	CAS7	CAS7	<i>Carex stipata</i>	Awl-fruited Sedge	<i>Cyperaceae</i>	Nt P-Sedge	3	-5	OBL	2	-5	OBL	2.0-3.0 (2.5)	na											35,000	560,000	0.125	70,000	1.61	1.27%	0.26%
CXVULP	CXVULP	CAV2	CAV2	<i>Carex vulpinoidea</i>	Fox Sedge	<i>Cyperaceae</i>	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	5.09%	2.93%
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	0.32%	0.13%
ELEPAM	ELEPAL	ELPA3	ELPA3	<i>Eleocharis palustris</i> major	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	34,100	1.00	0.32%	0.16%
ELYCAN	ELECAN	ELCA4	ELCA4	<i>Elymus canadensis</i>	Canada Wild Rye	<i>Graminae</i>	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	10.17%	0.45%
ELYVIR	ELYVIR	ELV3	ELV3	<i>Elymus virginicus</i>	Virginia Wild Rye	<i>Graminae</i>	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	20.34%	0.69%
GLYSTR	GLYSTR	GLST	GLST	<i>Glyceria striata</i>	Fowl Manna Grass	<i>Graminae</i>	Nt P-Grass	4	-3	[FACW]	4	-5	OBL	1.5-3.0 (2.3)	na											153,125	2,450,000	0.250	612,500	14.06	2.54%	2.31%
JUNBAL	JUNBAL	JUARL	JUBAL	<i>Juncus balticus littoralis</i> { <i>J arcticus</i> }	Lake Shore Rush	<i>Juncaceae</i>	Nt P-Rush	6	-3	[FACW]	6	-5	OBL	1.0-2.5 (1.7)	green											593,750	9,500,000	0.063	598,500	13.74	0.64%	2.26%
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	0.063	2,394,000	54.96	0.64%	9.02%
LEEORY	LEEORY	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	0.063	25,830	0.59	0.64%	0.10%
SCIATR	SCIATR	SCAT2	SCAT2	<i>Scirpus atrovirens</i>	Dark Green Rush	<i>Cyperaceae</i>	Nt P-Sedge	4	-5	OBL	4	-5	OBL	2.0-5.0 (3.5)	brown											581,250	9,300,000	0.250	2,325,000	53.37	2.54%	8.76%
SCICYP	SCICYP	SCCY	SCCY	<i>Scirpus cyperinus</i>	Wool Grass	<i>Cyperaceae</i>	Nt P-Sedge	6	-5	OBL	5	-5	OBL	2.0-5.0 (3.5)	brown											137,500	2,200,000	0.125	275,000	6.31	1.27%	1.04%
SCIPEN	SCIPEN	SCPE4	SCPE4	<i>Scirpus pendulus</i> { <i>S lineatus</i> }	Red Bulrush	<i>Cyperaceae</i>	Nt P-Sedge	4	-5	OBL	3	-5	OBL	1.0-5.0 (4.0)	brown											331,250	5,300,000	0.015	79,500	1.83	0.15%	0.30%
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	0.500	87,000	2.00	5.09%	0.33%
																Graminoid totals		7,892		21,821,523		501		80.28%		82.25%						

Forbs

ACRONYMS		S&W		S&W wet		S&W wet		Illinois		IL wet		IL wet		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	C	index	acro	C	index	acro	height	color	M	A	M	J	J	A	S	O	N									
ALISUB	ALIPPA	ALSU	ALSU	<i>Alisma subcordatum plantago-aquatica parviflorum</i>	{ <i>A Common Water Plantain</i> }	<i>Alismataceae</i>	Nt P-Forb	4	-5	OBL	2	-5	OBL	1.0-3.0 (2.0)	white												81,250	1,300,000	0.188	244,400	5.61	1.91%	0.92%
ASCINC	ASCINC	ASIN	ASIN	<i>Asclepias incarnata</i>	Swamp Milkweed	<i>Asclepiadaceae</i>	Nt P-Forb	4	-5	OBL	4	-5	OBL	2.0-4.0 (3.0)	pink												5,625	90,000	0.188	16,920	0.39	1.91%	0.06%
BIDCER	BIDCER	BICE	BICE	<i>Bidens cernua</i>	Nodding Bur Marigold	<i>Compositae</i>	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	0.32%	0.04%
BIDFRO	BIDFRO	BIFR	BIFR	<i>Bidens frondosa</i>	Common Beggar's Tick	<i>Compositae</i>	Nt A-Forb	1	-3	FACW	1	-3	FACW	3.0-4.0 (3.5)	yellow												5,250	84,000	0.031	2,604	0.06	0.32%	0.01%
EUPMAC	EUPMAC	EUMA6	EUMA6	<i>Eutrochium maculatum</i> [<i>Eupatorium m</i>]	Spotted Joe Pye Weed	<i>Compositae</i>	Nt P-Forb	4	-5	OBL	5	-5	OBL	4.0-6.0 (5.0)	pink												96,875	1,550,000	0.125	193,750	4.45	1.27%	0.73%
HELAUT	HELAUT	HEAU	HEAU	<i>*Eupatoriadelphus m*</i> <i>Helentium autumnale</i>	Sneezeweed	<i>Compositae</i>	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	1.27%	0.99%
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	0.063	1,071	0.02	0.64%	0.00%
LIAPYC	LIAPYC	LIPY	LIPY	<i>Liatris pycnostachya</i>	Prairie Gayfeather	<i>Compositae</i>	Nt P-Forb	8	1	FAC-	6	1	FAC-	1.0-3.0 (3.0)	lavender												10,250	164,000	0.125	20,500	0.47	1.27%	0.08%
LOBSIP	LOBSIP	LOSI	LOSI	<i>Lobelia siphilitica</i>	Great Blue Lobelia	<i>Campanulaceae</i>	Nt P-Forb	6	-4	FACW+	4	-4	FACW+	1.0-3.0 (2.0)	blue												687,500	11,000,000	0.094	1,034,000	23.74	0.96%	3.90%
MIMRIN	MIMRIN	MIRI	MIRI	<i>Minulus ringens</i>	Monkey Flower	<i>Scrophulariaceae</i>	Nt P-Forb	6	-5	OBL	5	-5	OBL	1.0-2.0 (1.5)	blue												2,812,500	45,000,000	0.031	1,395,000	32.02	0.32%	5.26%
PYCVIR	PYCVIR	PYVI	PYVI	<i>Pycnanthemum virginianum</i>	Common Mt Mint	<i>Labiatae</i>	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	1.27%	2.12%
RUMALT	RUMALT	RUAL4	RUAL4	<i>Rumex altissimus</i>	Pale Dock	<i>Polygonaceae</i>	Nt P-Forb	2	-2	FACW-	2	4	FACU+	2.0-4.0 (3.0)	green												14,375	230,000	0.125	28,750	0.66	1.27%	0.11%
SILPER	SILPER	SILPEP	SILPEP	<i>Silphium perfoliatum</i>	Cup Plant	<i>Compositae</i>	Nt P-Forb	5	-2	FACW-	4	-2	FACW-	4.0-10 (6.0)	yellow												1,813	29,000	0.125	3,625	0.08	1.27%	0.01%
SOLGIG	SOLGIG	SOGI	SOGI	<i>Solidago gigantea</i>	Late Goldenrod	<i>Compositae</i>	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	0.64%	1.38%
VERHAS	VERHAS	VEHA2	VEHA2	<i>Verbena hastata</i>	Blue Vervain	<i>Verbenaceae</i>	Nt P-Forb	4	-4	FACW+	3	-4	FACW+	2.0-6.0 (3.0)	blue												112,500	1,800,000	0.250	450,000	10.33	2.54%	1.70%
VERFAS	VERFAS	VEFA2	VEFA2	<i>Veronica fasciculata</i>	Common Ironweed	<i>Compositae</i>	Nt P-Forb	5	-3	FACW	5	-3	FACW	3.0-6.0 (4.0)	purple												29,375	470,000	0.250	117,500	2.70	2.54%	0.44%
v120712																Forb totals		1,939		4,708,750		108		19.72%		17.75%							
All items subject to availability. Mix composition may vary seasonally																Graminoid & forb totals		9,831		26,530,273		609		100.00%		100.00%							



Key

- main bloom
- extended bloom
- fall leaf color
- fruit color
- [Abc] new scientific name
- {Abc} old scientific name
- *Abc* transitional name