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Streambank Stabilization Seed

Native species per mix	**19**
Native seeds per square foot	**448**
Native FQI NE Illinois	**19.96**
Native FQI Illinois	**17.44**
Native Mean C Value NE Illinois	**4.58**
Native Mean C Value Illinois	**4.00**
Mean W Value NE Illinois	**(1.26)**
Mean W Value Illinois	**(1.26)**

A heavy mix of broader spectrum native grasses, sedges, rushes, & flowers plus cover crop for use with netting in stream bank stabilization. Full sun. Seed as necessary for erosion control, but best seeded in spring..

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 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
ANDGER	ANDGER	ANGE	ANGE	*Andropogon gerardii*	Big Bluestem	*Graminae*	Nt P-Grass	5	1	FAC-	5	1	FAC-	4.0-8.0+ (6.0)	na						❀	❀			9,375	150,000	5.000	750,000	17.22	10.00%	3.84%
BOUCUR	BOUCUR	BOCU	BOCU	*Bouteloua curtipendula*	Side Oats Gramma	*Graminae*	Nt P-Grass	8	5	UPL	7	5	UPL	1.5-3.0 (2.3)	na					❀	❀				6,563	105,000	5.000	525,000	12.05	10.00%	2.69%
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	1.00%	3.98%
ELEPAM	ELEPAL	ELPA3	ELPA3	*Eleocharis palustris major*	Great Spikerush	*Cyperaceae*	Nt P-Sedge	10	-5	OBL	8	-5	OBL	0.3-3.3 (1.8)	na				❀	❀	❀	❀			87,500	1,400,000	0.125	175,000	4.02	0.25%	0.90%
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	8.000	960,000	22.04	16.00%	4.91%
ELYVIL	ELYVIL	ELVI	ELVI	*Elymus villosus*	Silky Wild Rye	*Graminae*	Nt P-Grass	5	3	FACU	4	3	FACU	3.0-5.0 (4.0)	na					❀	❀				6,875	110,000	4.000	440,000	10.10	8.00%	2.25%
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	8.000	736,000	16.90	16.00%	3.77%
GLYSTR	GLYSTR	GLST	GLST	*Glyceria striata*	Fowl Manna Grass	*Graminae*	Nt P-Grass	4	-3	[FACW]	4	-5	OBL	1.5-3.0 (2.3)	na			❀	❀						153,125	2,450,000	1.000	2,450,000	56.24	2.00%	12.54%
JUNDUD	JUNDUD	JUDU2	JUDU2	*Juncus dudleyi*	Dudleys Rush	*Juncaceae*	Nt P-Rush	4	0	[FAC]	4	0	FAC	1.0-2.0 (1.5)	green			❀	❀	❀	❀	❀	❀		3,750,000	60,000,000	0.125	7,500,000	172.18	0.25%	38.39%
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	1.000	410,000	9.41	2.00%	2.10%
PANVIR	PANVIR	PAVI2	PAVI2	*Panicum virgatum*	Prairie Switch Grass	*Graminae*	Nt P-Grass	5	-1	FAC+	4	-1	FAC+	2.5-6.0 (3.0)	na					❀	❀	♣	♣	♣	19,813	317,000	1.000	317,000	7.28	2.00%	1.62%
ANDSCO	SCHSCO	SCSCS	SCSCS	*Schizachyrium scoparium {Andropogon s}*	Little Bluestem	*Graminae*	Nt P-Grass	5	4	FACU-	5	4	FACU-	1.5-3.5 (2.0)	na					❀	❀	♣	♣	♣	15,625	250,000	5.000	1,250,000	28.70	10.00%	6.40%
SCIVAC	SCITAB	SCTA2	SCTA2	*Schoenoplectus tabernaemontani {Scirpus validus}*	Great Bulrush	*Cyperaceae*	Nt P-Sedge	5	-5	OBL	4	-5	OBL	3.0-6.0 (4.0)	brown				❀	❀					35,000	560,000	0.125	70,000	1.61	0.25%	0.36%
SORNUT	SORNUT	SONU2	SONU2	*Sorghastrum nutans*	Indian Grass	*Graminae*	Nt P-Grass	5	2	FACU+	4	2	FACU+	4.0-6.0 (5.0)	na						❀	❀	♣	♣	12,188	195,000	10.000	1,950,000	44.77	20.00%	9.98%
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	1.00%	0.45%
																									Graminoid totals		49.375	18,397,500	422	98.75%	94.18%

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
ALISUB	ALIPPA	ALSU	ALSU	*Alisma subcordatum {A plantago-aquatica parviflorum}*	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	0.250	325,000	7.46	0.50%	1.66%
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	0.25%	1.34%
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	0.25%	0.90%
ASTPIL	ASTPIL	SYPIP3	ASPI2	*Symphyotrichum pilosum {Aster p}*	Frost Aster	*Compositae*	Nt P-Forb	0	2	FACU+	0	4	FACU-	1.5-4.5 (3.0)	white							❀	❀		187,500	3,000,000	0.125	375,000	8.61	0.25%	1.92%
																									Forb totals		0.625	1,137,500	26	1.25%	5.82%
								4.58	-1.26		4.00	-1.26													Graminoid and forb totals		50.000	19,535,000	448		

Nurse Crop

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
AGRALA	AGRALA	AGGI2	AGGI2	*Agrostis gigantea {A alba}*	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	1.000	5,000,000	114.78
AVESAT	AVESAT	AVSA	AVSA	*Avena sativa*	Oats	*Graminae*	Ad A-Grass	*	5	UPL	*	5	UPL	2.0-3.0 (2.5)	na				❀						938	15,000	20.000	300,000	6.89
LOLMUL	LOLMUL	LOPEM2	LOMU	*Lolium multiflorum [L perenne ssp m]*	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
																									Nurse Crop totals		26.000	6,435,000	148

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All items subject to availability. Mix composition may vary seasonally

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

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

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.