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Lo Pro Prairie for Clay Soils

Native species per mix	28
Native seeds per square foot	105
Native FQI NE Illinois	29.67
Native FQI Illinois	26.84
Native Mean C Value NE Illinois	5.61
Native Mean C Value Illinois	5.07
Mean W Value NE Illinois	2.21
Mean W Value Illinois	1.93

A mix of low grasses and forbs for average moisture clay soils. Dormant or spring planted.

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

ACRONYMS		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	bloom time					seeds/oz	seeds/lb	lb/ac	seeds/acre	seeds/ftsq	% by weight	% by count	
S&W	ILL														USDA	ELV3	ELV4	J	J								A
ELYVIR	ELYVIR	ELV3	ELV4	<i>Elymus virginicus</i>	Graminae	Nt P-Grass	4	-2	FACW-	4	-2	FACW-	1.5-3.0 (2,3)	na	🌸	🌸	🌸	🌸	🌸	🌸	5,750	92,000	1,000	92,000	2.11	7.98%	2.01%
PANVIR	PANVIR	PAV2	PAV2	<i>Panicum virgatum</i>	Graminae	Nt P-Grass	5	-1	FAC+	4	-1	FAC+	2.5-6.0 (3,0)	na	🌸	🌸	🌸	🌸	🌸	🌸	19,813	317,000	0.125	39,625	0.91	1.00%	0.87%
ANDSCO	SCHSCO	SCSCS	SCSCS	<i>Schizachyrium scoparium</i> (<i>Andropogon s</i>)	Graminae	Nt P-Grass	5	4	FACU-	5	4	FACU-	1.5-3.5 (2,0)	na	🌸	🌸	🌸	🌸	🌸	🌸	15,625	250,000	6,000	1,500,000	34.44	47.88%	32.82%
															Graminoid totals					7.125	1,631,625	37	56.85%	35.70%			

Forbs

ACRONYMS		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	bloom time					seeds/oz	seeds/lb	lb/ac	seeds/acre	seeds/ftsq	% by weight	% by count
S&W	ILL														USDA	J	J	A	S							
ASCSYR	ASCSYR	ASSY	ASSY	<i>Asclepias syriaca</i>	Asclepiadaceae	Nt P-Forb	0	5	UPL	0	5	UPL	3.0-5.0 (4,0)	pink	🌸	🌸	🌸	🌸	🌸	5,000	80,000	0.063	5,040	0.12	0.50%	0.11%
ASTCAN	ASTCAN	ASCA11	ASCA11	<i>Astragalus canadensis</i>	Leguminosae	Nt P-Forb	10	5	[UPL]	7	-1	FAC+	2.0-3.5 (2,5)	cream	🌸	🌸	🌸	🌸	🌸	17,500	280,000	0.125	35,000	0.80	1.00%	0.77%
BAPLEA	BAPLAC	BAALM	BAALM	<i>Baptisia lactea</i> * <i>B. alba macrophylla</i> *	Leguminosae	Nt P-Forb	8	2	FACU+	6	3	FACU	2.0-4.5 (3,3)	white	🌸	🌸	🌸	🌸	🌸	1,875	30,000	0.063	1,890	0.04	0.50%	0.04%
CORLAN	CORLAN	COLA5	COLA5	<i>Coroisalis lanceolata</i>	Compositae	Nt P-Forb	5	3	FACU	5	3	FACU	1.0-3.0 (2,0)	yellow	🌸	🌸	🌸	🌸	🌸	11,875	190,000	0.250	47,500	1.09	1.99%	1.04%
PETPUR	DALPUR	DAPI5	DAPI5	<i>Dalea purpurea</i> (<i>Petalostemum p</i>)	Leguminosae	Nt P-Forb	9	5	UPL	8	5	UPL	1.5-2.5 (2,0)	purple	🌸	🌸	🌸	🌸	🌸	18,750	300,000	0.250	75,000	1.72	1.99%	1.64%
DESCAA	DESCAD	DECA7	DECA7	<i>Desmodium canadense</i>	Leguminosae	Nt P-Forb	4	1	FAC-	5	1	FAC-	3.0-5.5 (4,0)	pink	🌸	🌸	🌸	🌸	🌸	6,875	110,000	0.031	3,410	0.08	0.25%	0.07%
ECHPAL	ECHPAL	ECPA	ECPA	<i>Echinacea pallida</i>	Compositae	Nt P-Forb	8	5	UPL	7	5	UPL	2.0-3.0 (2,5)	pink	🌸	🌸	🌸	🌸	🌸	6,250	100,000	0.250	25,000	0.57	1.99%	0.55%
ECHPUR	ECHPUR	ECPU	ECPU	<i>Echinacea purpurea</i>	Compositae	Nt P-Forb	3	3	UPL	6	5	UPL	2.0-4.0 (2,5)	purple	🌸	🌸	🌸	🌸	🌸	7,188	115,000	1,000	115,000	2.64	7.98%	2.52%
ERYYUC	ERYYUC	ERYU	ERYU	<i>Eryngium yuccifolium</i>	Umbelliferae	Nt P-Forb	9	-1	FAC+	7	-1	FAC+	2.0-5.0 (4,0)	white	🌸	🌸	🌸	🌸	🌸	8,875	142,000	0.375	53,250	1.22	2.99%	1.17%
HELHEL	HELHEL	HEHE5	HEHE5	<i>Helianthus helianthoides</i>	Compositae	Nt P-Forb	5	5	UPL	4	5	UPL	2.5-4.5 (3,0)	yellow	🌸	🌸	🌸	🌸	🌸	6,875	110,000	0.125	13,750	0.32	1.00%	0.30%
LESCAP	LESCAP	LECA8	LECA8	<i>Lespedeza capitata</i>	Leguminosae	Nt P-Forb	4	3	FACU	4	3	FACU	2.0-3.0 (2,5)	green white	🌸	🌸	🌸	🌸	🌸	10,938	175,000	0.125	21,875	0.50	1.00%	0.48%
LIASPI	LIASPI	LISP	LISP	<i>Liatris spicata</i>	Compositae	Nt P-Forb	6	0	FAC	7	0	FAC	1.0-4.0 (2,0)	lavender	🌸	🌸	🌸	🌸	🌸	10,188	163,000	0.031	5,053	0.12	0.25%	0.11%
MONFIS	MONFIS	MOFI	MOFI	<i>Monarda fistulosa</i>	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	1.00%	3.01%
SOLRIG	SOLRIG	OLRIR	OLRIR	Bergamont	Compositae	Nt P-Forb	4	4	FACU-	4	4	FACU-	3.0-6.0 (3,5)	yellow	🌸	🌸	🌸	🌸	🌸	40,625	650,000	0.375	243,750	5.60	2.99%	5.33%
PARINT	PARINT	PAIN3	PAIN3	<i>Parthenium integrifolium</i>	Compositae	Nt P-Forb	8	5	UPL	8	5	UPL	2.0-4.0 (3,0)	white	🌸	🌸	🌸	🌸	🌸	12,500	200,000	0.063	12,600	0.29	0.50%	0.28%
PENDIG	PENDIG	PEDI	PEDI	<i>Penstemon digitalis</i>	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	1.00%	4.92%
RATPIN	RATPIN	RAPI	RAPI	<i>Ratibida pinnata</i>	Compositae	Nt P-Forb	4	5	UPL	4	5	UPL	3.0-5.0 (4,0)	yellow	🌸	🌸	🌸	🌸	🌸	31,875	510,000	0.500	255,000	5.85	3.99%	5.58%
RUDHIR	RUDHIR	RUI2	RUI2	<i>Rudbeckia hirta</i>	Compositae	Nt P-Forb	1	3	FACU	2	3	FACU	1.0-2.0 (1,5)	yellow	🌸	🌸	🌸	🌸	🌸	93,750	1,500,000	0.500	750,000	17.22	3.99%	16.41%
RUDSUB	RUDSUB	RUSU	RUSU	<i>Rudbeckia subtomentosa</i>	Compositae	Nt P-Forb	9	2	FACU+	5	-3	FACW	2.0-4.0 (3,0)	yellow	🌸	🌸	🌸	🌸	🌸	46,250	740,000	0.375	277,500	6.37	2.99%	6.07%
CASHEB	CASHEB	SEHE3	SEHE3	<i>Senna hebecarpa</i> (<i>Cassia h</i>)	Leguminosae	Nt P-Forb	9	-3	FACW	9	-3	FACW	2.0-3.0 (2,5)	yellow	🌸	🌸	🌸	🌸	🌸	1,563	25,000	0.125	3,125	0.07	1.00%	0.07%
CASMAR	CASMAR	SEMA11	SEMA11	<i>Senna marilandica</i> (<i>Cassia m</i>)	Leguminosae	Nt P-Forb	9	-3	FACW	4	-3	FACW	3.0-4.0 (3,5)	yellow	🌸	🌸	🌸	🌸	🌸	1,700	27,200	0.031	843	0.02	0.25%	0.02%
ASTERI	ASTERI	SYER	ASER3	<i>Symphoricarpon ericoides</i> (<i>Aster e</i>)	Compositae	Nt P-Forb	5	4	FACU-	4	4	FACU-	1.0-2.5 (2,0)	white	🌸	🌸	🌸	🌸	🌸	262,500	4,200,000	0.031	130,200	2.99	0.25%	2.85%
ASTLAE	ASTLAE	SYLAL3	ASLAL5	<i>Symphoricarpon laeve</i> (<i>Aster l</i>)	Compositae	Nt P-Forb	9	5	UPL	8	5	UPL	2.0-3.5 (2,5)	blue	🌸	🌸	🌸	🌸	🌸	68,750	1,100,000	0.125	137,500	3.16	1.00%	3.01%
ASTNOV	ASTNOV	SYNO2	ASNO	<i>Symphoricarpon novae-angliae</i> (<i>Aster n</i>)	Compositae	Nt P-Forb	4	-3	FACW	4	-3	FACW	3.0-5.0 (4,0)	blue	🌸	🌸	🌸	🌸	🌸	87,500	1,400,000	0.250	350,000	8.03	1.99%	7.66%
TRAOHI	TRAOHI	TROH	TROH	<i>Tradescantia ohioensis</i>	Commelinaceae	Nt P-Forb	2	2	FACU+	3	2	FACU+	1.5-2.5 (2,0)	blue	🌸	🌸	🌸	🌸	🌸	9,125	146,000	0.094	13,724	0.32	0.75%	0.30%
v032713							5.61	2.21		5.07	1.93				Forb totals					5.407	2,938,510	67	43.15%	64.30%		
All items subject to availability. Mix composition may vary seasonally.															Graminoid & forb totals					12.532	4,570,135	105	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
- ☞
- 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.