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Blonde Clay Mixed height grasses & short forbs

Average mix height	
Native species per mix	25
Native seeds per square foot	305
Native FQI NE Illinois	25.00
Native FQI Illinois	23.40
Native Mean C Value NE Illinois	5.00
Native Mean C Value Illinois	4.68
Mean W Value NE Illinois	2.80
Mean W Value Illinois	2.48

A no-nonsense seed mix for 3" of bulldozed smear over Valpariso glacial till (blonde clay).

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	S&W wet 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	<i>Andropogon gerardii</i>	Big Bluestem	Graminae	Nt P-Grass	5	1	FAC-	5	1	FAC-	4.0-8.0+ (6.0)	na										9,375	150,000	3,000	450,000	10.33	10.41%	3.39%
BOUCUR	BOUCUR	BOCU	BOCU	<i>Bouteloua curtipendula</i>	Side Oats Gramma	Graminae	Nt P-Grass	8	5	UPL	7	5	UPL	1.5-3.0 (2.3)	na										6,563	105,000	3,000	315,000	7.23	10.41%	2.37%
CXBICK	CXBICK	CAB3	CAB3	<i>Carex Bicknellii</i>	Bicknell's Oval Sedge	Cyperaceae	Nt P-Sedge	10	5	[UPL]	8	1	FAC-	2.0-3.0 (2.5)	na										27,813	445,000	0.062	27,590	0.63	0.22%	0.21%
ELYCAN	ELYCAN	ELCA4	ELCA4	<i>Elymus canadensis</i>	Canada Wild Rye	Graminae	Nt P-Grass	4	1	FAC-	4	1	FAC-	2.0-4.0 (3.0)	na										7,500	120,000	2,000	240,000	5.51	6.94%	1.81%
AGRTRT	AGRTRT	ELTR3	ELTR3	<i>Elymus trachycaulis</i> { <i>Agropyron t</i> }	Slender Wheatgrass	Graminae	Nt P-Grass	8	0	FAC	8	0	FAC	2.0-3.0 (2.5)	na										9,375	150,000	2,000	300,000	6.89	6.94%	2.26%
ELYVIR	ELYVIR	ELV13	ELV13	<i>Elymus virginicus</i>	Virginia Wild Rye	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	3.47%	0.69%
JUNTEN	JUNTEN	JUTE	JUTE	<i>Juncus tenuis</i>	Slender Rush	Juncaceae	Nt P-Rush	0	2	[FACU+]	0	0	FAC	0.72-1.3 (1.0)	green										3,000,000	48,000,000	0.125	6,000,000	137.74	0.43%	45.23%
PANVIR	PANVIR	PAV12	PAV12	<i>Panicum virgatum</i>	Prairie Switch Grass	Graminae	Nt P-Grass	5	-1	FAC+	4	-1	FAC+	2.5-6.0 (3.0)	na										19,813	317,000	2,000	634,000	14.55	6.94%	4.78%
ANDSCO	SCHSCO	SCSCS	SCSCS	<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	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	20.82%	11.31%
SORNUT	SORNUT	SONU2	SONU2	<i>Sorghastrum nutans</i>	Indian Grass	Graminae	Nt P-Grass	5	2	FACU+	4	2	FACU+	4.0-6.0 (5.0)	na										12,188	195,000	4,000	780,000	17.91	13.88%	5.88%
Graminoid totals																															
23.187 10.338.590 237 80.47% 77.94%																															

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	S&W wet 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	
CASFAS	CASFAS	CHFA2	CHFA2	<i>Chamaecrista fasciculata</i> (<i>Cassia f</i>)	Partridge Pea	Leguminosae	Nt A-Forb	5	4	FACU-	1	4	FACU-	1.0-2.0 (1.5)	yellow											3,438	55,000	0.250	13,750	0.32	0.87%	0.10%
CORLAN	CORLAN	COLA5	COLA5	<i>Coreopsis lanceolata</i>	Lance-leaf Coreopsis	Compositae	Nt P-Forb	5	3	FACU	5	3	FACU	1.0-3.0 (2.0)	yellow											11,875	190,000	1,000	190,000	4.36	3.47%	1.43%
PETPUR	DALPUR	DAPUP	DAPU5	<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	Leguminosae	Nt P-Forb	9	5	UPL	8	5	UPL	1.5-2.5 (2.0)	purple											18,750	300,000	0.500	150,000	3.44	1.74%	1.13%
DESILS	DESILS	DEIL	DEIL	<i>Desmanthus illinoensis</i>	Illinois Sensitive Plant	Leguminosae (Mimosaceae)	Nt P-Forb	3	5	UPL	4	1	FAC-	2.0-4.0 (3.0)	white											4,625	74,000	0.625	46,250	1.06	2.17%	0.35%
ECHPUR	ECHPUR	ECPU	ECPU	<i>Echinacea purpurea</i>	Purple Coneflower	Compositae	Nt P-Forb	3	3	UPL	6	5	UPL	2.0-4.0 (2.5)	purple											7,188	115,000	0.625	71,875	1.65	2.17%	0.54%
HELHEL	HELHEL	HEHE5	HEHE5	<i>Helianthus helianthoides</i>	Early Sunflower	Compositae	Nt P-Forb	5	5	UPL	4	5	UPL	2.5-4.5 (3.0)	yellow											6,875	110,000	0.250	27,500	0.63	0.87%	0.21%
LUPPEO	LUPPER	LUPE3	LUPE3	<i>Lupinus perennis</i>	Wild Lupine	Leguminosae	Nt P-Forb	7	5	UPL	8	5	UPL	1.5-2.5 (2.0)	blue											1,094	17,500	0.250	4,375	0.10	0.87%	0.03%
MONFIS	MONFIS	MOFI	MOFI	<i>Monarda fistulosa</i>	Bergamont	Labiatae	Nt P-Forb	4	3	FACU	4	3	FACU	2.0-4.0 (3.0)	pink											68,750	1,100,000	0.063	69,300	1.59	0.22%	0.52%
SOLRIG	SOLRIG	OLR1R	SOR12	<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	Compositae	Nt P-Forb	4	4	FACU-	4	4	FACU-	3.0-6.0 (3.5)	yellow											40,625	650,000	0.125	81,250	1.87	0.43%	0.61%
PENDIG	PENDIG	PEDI	PEDI	<i>Penstemon digitalis</i>	Foxglove Beardtongue	Scrophulariaceae	Nt P-Forb	4	1	FAC-	4	1	FAC-	1.0-2.5 (1.7)	white											112,500	1,800,000	0.188	338,400	7.77	0.65%	2.55%
RATPIN	RATPIN	RAPI	RAPI	<i>Ratibida pinnata</i>	Yellow Coneflower	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	1.74%	1.92%
RUDHIR	RUDHIR	RUH12	RUH12	<i>Rudbeckia hirta</i>	Black-eyed Susan	Compositae	Nt P-Forb	1	3	FACU	2	3	FACU	1.0-2.0 (1.5)	yellow											93,750	1,500,000	0.750	1,125,000	25.83	2.60%	8.48%
ASTLAE	ASTLAE	SYLAL3	ASLA5	<i>Symphoricarpon laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	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	0.43%	1.04%
ASTNOV	ASTNOV	SYNO2	ASNO	<i>Symphoricarpon novae-angliae</i> { <i>Aster n</i> }	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	0.250	350,000	8.03	0.87%	2.64%
VERSTR	VERSTR	VEST	VEST	<i>Verbena stricta</i>	Hoary Vervain	Verbenaceae	Nt P-Forb	4	5	UPL	2	5	UPL	1.0-2.0 (1.5)	blue											33,125	530,000	0.125	66,250	1.52	0.43%	0.50%
Forb totals																																
5.00 2.80 4.68 2.48 5.626 2,926.450 67 19.53% 22.06%																																
Graminoid and forb totals																																
28.813 13,265.040 305 100.00% 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 actually 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.