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Tallgrass Mesic Prairie Savanna

Native species per mix	43
Native seeds per square foot	477
Native FQI NE Illinois	30.70
Native FQI Illinois	28.76
Native Mean C Value NE Illinois	4.68
Native Mean C Value Illinois	4.39
Mean W Value NE Illinois	2.05
Mean W Value Illinois	1.66

A mix for open grown hardwoods, with patchwork full sun and shade with a grassy understory. This mix will also work in new tree plantings in full sun.

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

ACRONYMS		scientific name		common name	family	type	S&W C	S&W index	S&W wet acro	Illinois C	Ill. 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												M	A	M	J	J	A	S	O	N																	
AGRPER	AGRPER	AGPE	AGPE	<i>Agerostis perennans</i>	Graminae	Nt P-Grass	3	1	FAC-	4	1	FAC-	1.0-3.5 (2.3)	na																		500,000	8,000,000	1,000	8,000,000	183.65	6.15%	38.49%		
ANDGER	ANDGER	ANGE	ANGE	<i>Andropogon gerardii</i>	Graminae	Nt P-Grass	5	1	FAC-	5	1	FAC-	4.0-8.0+ (6.0)	na																			9,375	150,000	2,000	300,000	6.89	12.31%	1.44%	
BROLAT	BROPUR	BRLA4	BRLA4	<i>Bromus latiglumis (B altissimus)</i>	Graminae	Nt P-Grass	5	-2	FACW-	7	-2	FACW-	4.0-6.0 (5.0)	na																			7,000	112,000	0.015	1,680	0.04	0.09%	0.01%	
CXBICK	CXBICK	CAB3	CAB3	<i>Carex bicknellii</i>	Cyperaceae	Nt P-Sedge	10	5	[UPL]	8	1	FAC-	2.0-3.0 (2.5)	na																			27,813	445,000	0.188	83,660	1.92	1.16%	0.40%	
CXGRIS	CXGRIS	CAGR24	CAGR24	<i>Carex grisea</i>	Cyperaceae	Nt P-Sedge	2	1	[FAC-]	3	5	UPL	1.5-2.0 (1.8)	na																			7,188	115,000	0.031	3,565	0.08	0.19%	0.02%	
CXSPRE	CXSPRE	CASP7	CASP7	<i>Carex Sprengelii</i>	Cyperaceae	Nt P-Sedge	9	3	[FACU]	8	0	FAC	1.5-2.0 (1.8)	na																			13,125	210,000	0.031	6,510	0.15	0.19%	0.03%	
DIAAME	DIAAME	DIAM	DIAM	<i>Diarrhena americana</i>	Graminae	Nt P-Grass	10	3	[FACU]	7	-3	FACW	1.5-3.0 (2.3)	na																			3,000	48,000	0.031	1,488	0.03	0.19%	0.01%	
ELYSAN	ELECAN	ELCA4	ELCA4	<i>Elymus canadensis</i>	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	12.31%	1.15%	
HYSPAT	ELYHYS	ELHY	ELHY	<i>Elymus hystrix (Hystrix patula)</i>	Graminae	Nt P-Grass	5	5	UPL	5	5	UPL	2.0-3.0 (2.5)	na																			5,625	90,000	0.063	5,670	0.13	0.39%	0.03%	
ELYVIL	ELYVIL	ELV1	ELV1	<i>Elymus villosus</i>	Graminae	Nt P-Grass	5	3	FACU	4	3	FACU	3.0-5.0 (4.0)	na																			6,875	110,000	0.125	13,750	0.32	0.77%	0.07%	
ELYVIR	ELYVIR	ELV1	ELV1	<i>Elymus villosus</i>	Graminae	Nt P-Grass	4	-2	FACW-	4	-2	FACW-	1.5-3.0 (2.3)	na																				5,750	92,000	4,000	368,000	8.45	24.61%	1.77%
GLYSTR	GLYSTR	GLST	GLST	<i>Glyceria striata</i>	Graminae	Nt P-Grass	4	-3	[FACW]	4	-5	OBL	1.5-3.0 (2.3)	na																			153,125	2,450,000	0.063	154,350	3.54	0.39%	0.74%	
JUNDUD	JUNDUD	JUDU2	JUDU2	<i>Juncus dudleyi</i>	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	0.77%	36.08%	
PANVIR	PANVIR	PAV12	PAV12	<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	0.500	158,500	3.64	3.00%	0.76%	
ANDSCO	SCHSCO	SCSCS	SCSCS	<i>Schizachyrium scoparium (Andropogon s)</i>	Graminae	Nt P-Grass	5	4	FACU-	5	4	FACU-	1.5-3.5 (2.0)	na																			15,625	250,000	2,000	500,000	11.48	12.31%	2.41%	
SORNUT	SORNUT	SONU2	SONU2	<i>Sorghastrum nutans</i>	Graminae	Nt P-Grass	5	2	FACU+	4	2	FACU+	4.0-6.0 (5.0)	na																				12,188	195,000	2,000	390,000	8.95	12.31%	1.88%
																									Graminoid totals		14,172	17,727,173	407	87.20%	85.29%									

Forbs

ACRONYMS		scientific name		common name	family	type	S&W C	S&W index	S&W wet acro	Illinois C	Ill. 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												M	A	M	J	J	A	S	O	N																		
EUPRUG	EUPRUG	AGALA	EURU6	<i>Ageratina altissima (Eupatorium rugosum)</i>	Compositae	Nt P-Forb	4	5	UPL	2	3	FACU	1.5-2.5 (2.0)	white																				218,750	3,500,000	0.031	108,500	2.49	0.19%	0.52%	
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	0.39%	0.02%
BAPLEA	BAPLAC	BAALM	BAALM	<i>Baptisia lactea *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	0.39%	0.01%	
CEAAAME	CEAAAME	CEAM	CEAM	<i>Ceanothus americanus</i>	Rhamnaceae	Nt Shrub	6	5	UPL	8	5	UPL	2.0-3.0 (2.5)	white																					8,188	131,000	0.031	4,061	0.09	0.19%	0.02%
CORTRI	CORTRP	COTR4	COTR4	<i>Cortispora trispertis</i>	Compositae	Nt P-Forb	5	0	FAC	4	0	FAC	4.0-7.0 (6.0)	yellow																					15,750	252,000	0.094	23,688	0.54	0.58%	0.11%
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	0.094	10,340	0.24	0.58%	0.05%
EUPALT	EUPALT	EUAL3	EUAL3	<i>Eupatorium altissimum</i>	Compositae	Nt P-Forb	0	3	[FACU]	2	3	FACU	2.0-4.0 (3.0)	white																					57,500	920,000	0.031	28,520	0.65	0.19%	0.14%
SOLGRG	ELTRGA	EUGR5	EUGR5	<i>Euthamia graminifolia (Solidago g)</i>	Compositae	Nt P-Forb	4	-2	FACW-	3	-2	FACW-	1.0-4.0 (2.0)	yellow																					550,000	8,800,000	0.063	554,400	12.73	0.39%	2.67%
GENFLA	GENALB	GEAL4	GEAL4	<i>Gentiana alba [G flavida]</i>	Gentianaceae	Nt P-Forb	9	3	FACU	9	3	FACU	2.0-3.0 (2.5)	cream																				275,000	4,400,000	0.063	277,200	6.36	0.39%	1.33%	
HELHEL	HELHEL	HEHE5	HEHE5	<i>Heliotropis 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	0.77%	0.07%
MONFHS	MONFHS	MOF1	MOF1	<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	0.094	103,400	2.37	0.58%	0.50%
OENBIE	OENBIB	OEB1	OEB1	<i>Oenothera biennis</i>	Onagraceae	Nt B-Forb	0	3	FACU	1	3	FACU	3.0-6.0 (4.5)	yellow																					90,000	1,440,000	0.063	90,720	2.08	0.39%	0.44%
GAUBIB	GAUBIE	GAB12	GAB12	<i>Oenothera gaura (Gaura biennis)</i>	Onagraceae	Nt B-Forb	2	4	FACU-	2	4	FACU-	4.0-6.0 (5.0)	pink																					2,938	47,000	0.031	1,457	0.03	0.19%	0.01%
SOLRIG	SOLRIG	OLRIR	SOR12	<i>Oligoneuron rigidum (Solidago r)</i>	Compositae	Nt P-Forb	4	4	FACU-	4	4	FACU-	3.0-6.0 (3.5)	yellow																					40,625	650,000	0.063	40,950	0.94	0.39%	0.20%
POLCAL	POLCAM	POBIC	POB12	<i>Polygonatum biflorum commutatum (P canaliculatum)</i>	Liliaceae	Nt P-Forb	3	3	FACU	4	3	FACU	1.5-2.5 (2.0)	cream																					1,063	17,000	0.031	527	0.01	0.19%	0.00%
PYCTEN	PYCTEN	PYTE	PYTE	<i>Pycnanthemum tenuifolium</i>	Labiatae	Nt P-Forb	7	0	FAC	4	0	FAC	1.0-2.0 (1.5)	white																					481,250	7,700,000	0.031	238,700	5.48	0.19%	1.15%
PYCVIR	PYCVIR	PYV1	PYV1	<i>Pycnanthemum virginianum</i>	Labiatae	Nt P-Forb	5	-4	FACW+	5	-4	FACW+	1.0-3.0 (2.0)	white																					281,250	4,500,000	0.063	283,500	6.51	0.39%	1.36%
RUDHIR	RUDHIR	RUH12	RUH12	<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	0.125	187,500	4.30	0.7	