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CRP Forbs for Mesic to Dry Mesic Soils

Native species per mix	34
Seeds per square foot	81
Native FQI NE Illinois	32.76
Native FQI Illinois	30.01
Native Mean C Value NE Illinois	5.62
Native Mean C Value Illinois	5.15
Mean W Value NE Illinois	2.91
Mean W Value Illinois	2.85

Our most economical forb mix. Intended for use with native grasses in CRP and similar plantings on the farm, but will work as a supplement in most sunny upland grassland plantings. Sold by the pound. We recommend 4-5 pounds per acre minimum with native grasses. No substitutions.

ACRONYMS			S&W			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	seeds/oz	seeds/lb	lb/ac	seeds/acre	seeds/ftsq													
ALLCER	ALLCER	ALCE2	ALCE2	<i>Allium cernuum</i>	Nodding Onion	Liliaceae	Nt P-Forb	7	1	[FAC-]	7	5	UPL	1.0-1.5 (1.3)	pink white										8,000	128,000	0.015	1,920	0.04	0.31%	0.05%											
ANEVIR	ANEVIR	ANV13	ANV13	<i>Anemone virginiana</i>	Tall Anemone	Ranunculaceae	Nt P-Forb	5	5	UPL	4	5	UPL	1.5-2.5 (2.0)	white										25,000	400,000	0.042	16,800	0.39	0.87%	0.48%											
BAPLEA	BAPLAC	BALF2	BAALM	<i>Baptisia lactea</i> *B alba macrophylla*	White Indigo	Leguminosae	Nt P-Forb	8	2	FACU+	6	3	FACU	2.0-4.5 (3.3)	white										1,875	30,000	0.060	1,800	0.04	1.24%	0.05%											
CASFA	CASFAS	CHFA2	CHFA2	<i>Chamaecrista fasciculata</i> (Cassia f)	Partridge Pea	Leguminosae	Nt A-Forb	5	4	FACU-	1	4	FACU-	1.0-2.0 (1.5)	yellow										3,438	55,000	0.188	10,340	0.24	3.89%	0.29%											
CORLAN	CORLAN	COLA5	COLA5	<i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis	Compositae	Nt P-Forb	5	3	FACU	5	3	FACU	1.0-3.0 (2.0)	yellow										11,875	190,000	0.450	85,500	1.96	9.31%	2.44%											
CORPAL	CORPAL	COPA10	COPA10	<i>Coreopsis palmata</i>	Prairie Coreopsis	Compositae	Nt P-Forb	6	5	UPL	6	5	UPL	1.0-2.0 (1.5)	yellow										12,188	195,000	0.015	2,925	0.07	0.31%	0.08%											
CORTRI	CORTRP	COTR4	COTR4	<i>Coreopsis tripteris</i>	Tall Coreopsis	Compositae	Nt P-Forb	5	0	FAC	4	0	FAC	4.0-7.0 (6.0)	yellow										15,750	252,000	0.031	7,812	0.18	0.64%	0.22%											
PETPUR	DALPUR	DAPUP	DAPU5	<i>Dalea purpurea</i> (Petaloestemum p)	Purple Prairie Clover	Leguminosae	Nt P-Forb	9	5	UPL	8	5	UPL	1.5-2.5 (2.0)	purple										18,750	300,000	0.250	75,000	1.72	5.17%	2.14%											
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	0.300	22,200	0.51	6.21%	0.63%											
DESCAA	DESCAD	DECA7	DECA7	<i>Desmodium canadense</i>	Showy Ticktrefoil	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	0.64%	0.10%											
POTARU	POTARU	POAR7	[DRAR8]	<i>Drymocallis arguta</i> (Potentilla arguta)	Prairie Cinquefoil	Rosaceae	Nt P-Forb	9	4	FACU-	10	4	FACU-	1.0-3.0 (2.0)	yellow										200,000	3,200,000	0.031	99,200	2.28	0.64%	2.83%											
ECHPAL	ECHPAL	ECPA	ECPA	<i>Echinacea pallida</i>	Pale Purple Coneflower	Compositae	Nt P-Forb	8	5	UPL	7	5	UPL	2.0-3.0 (2.5)	pink										6,250	100,000	0.094	9,400	0.22	1.94%	0.27%											
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	0.375	43,125	0.99	7.76%	1.23%											
ERYYUC	ERYYUC	ERYU	ERYU	<i>Eryngium yuccifolium</i>	Rattlesnake Master	Umbelliferae	Nt P-Forb	9	-1	FAC+	7	-1	FAC+	2.0-5.0 (4.0)	white										8,875	142,000	0.250	35,500	0.81	5.17%	1.01%											
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	0.042	4,620	0.11	0.87%	0.13%											
HYPPYR	HYPPYR	HYAS80	HYAS80	<i>Hypericum ascyron</i> (H pyramidatum)	Great St Johnswort	Clusiaceae	Nt P-Forb	10	-1	FAC+	8	-1	FAC+	2.0-4.0 (3.0)	yellow										203,750	3,260,000	0.125	407,500	9.35	2.59%	11.62%											
LESCAP	LESCAP	LECA8	LECA8	<i>Lespedeza capitata</i>	Roundhead Bushclover	Leguminosae	Nt P-Forb	4	3	FACU	4	3	FACU	2.0-3.0 (2.5)	green white										10,938	175,000	0.031	5,425	0.12	0.64%	0.15%											
LIAASP	LIAASP	LIAS	LIAS	<i>Liatis aspera</i>	Button Blazingstar	Compositae	Nt P-Forb	6	5	UPL	7	5	UPL	1.5-4.0 (2.5)	lavender										15,500	248,000	0.094	23,312	0.54	1.94%	0.66%											
LIAPYC	LIAPYC	LIPY	LIPY	<i>Liatis pycnostachya</i>	Prairie Gayfeather	Compositae	Nt P-Forb	4	3	FAC-	6	1	FAC-	1.0-3.0 (2.0)	lavender										10,250	164,000	0.031	5,084	0.12	0.64%	0.14%											
MONFIS	MONFIS	MOFI	MOFI	<i>Monarda fistulosa</i>	Bergamot	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	1.30%	1.98%											
OENBIB	OENBIB	OEB1	OEB1	<i>Oenothera biennis</i>	Evening Primrose	Onagraceae	Nt B-Forb	0	3	FACU	1	3	FACU	3.0-6.0 (4.5)	yellow										90,000	1,440,000	0.094	135,360	3.11	1.94%	3.86%											
SOLRIG	SOLRIG	OLRIR	SOR12	<i>Oligoneuron rigidum</i> (Solidago r)	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	2.59%	2.32%											
PARINT	PARINT	PAIN3	PAIN3	<i>Parthenium integrifolium</i>	Wild Quinine	Compositae	Nt P-Forb	8	5	UPL	8	5	UPL	2.0-4.0 (3.0)	white										12,500	200,000	0.125	25,000	0.57	2.59%	0.71%											
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	0.125	225,000	5.17	2.59%	6.42%											
PYCVIR	PYCVIR	PYV1	PYV1	<i>Pycnanthemum virginianum</i>	Common Mt Mint	Labiatae	Nt P-Forb	5	-4	FACW+	5	-4	FACW+	1.0-3.0 (2.0)	white										281,250	4,500,000	0.094	423,000	9.71	1.94%	12.06%											
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	0.438	223,380	5.13	9.06%	6.37%											
RUDHIR	RUDHIR	RUH12	RUH12	<i>Rudbeckia hirta</i>	Blackeyed Susan	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	10.35%	21.39%											
RUDSUB	RUDSUB	RUSU	RUSU	<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	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	7.76%	7.91%											
SILINT	SILINT	SIIN2	SIIN2	<i>Silphium integrifolium</i>	Rosinweed	Compositae	Nt P-Forb	5	5	UPL	5	5	UPL	3.0-6.0 (4.5)	yellow										1,875	30,000	0.094	2,820	0.06	1.94%	0.08%											
SOLNEM	SOLNEM	SONE	SONE	<i>Solidago nemoralis</i>	Oldfield Goldenrod	Compositae	Nt P-Forb	4	5	UPL	3	5	UPL	0.5-1.5 (1.0)	yellow										206,250	3,300,000	0.031	102,300	2.35	0.64%	2.92%											
SOLSPE	SOLSPE	SOSP2	SOSP2	<i>Solidago speciosa</i>	Showy Goldenrod	Compositae	Nt P-Forb	7	5	UPL	7	5	UPL	1.0-4.0 (2.0)	yellow										106,250	1,700,000	0.063	107,100	2.46	1.30%	3.05%											
ASTLAE	ASTLAE	SYLAL3	ASLA5	<i>Symphotrichum laeve</i> (Aster l)	Smooth Aster	Compositae	Nt P-Forb	9	5	UPL	8	5	UPL	2.0-3.5 (2.5)	blue										68,750	1,100,000	0.063	69,300	1.59	1.30%	1.98%											
ASTNOV	ASTNOV	SYNO2	ASNO	<i>Symphotrichum novae-angliae</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	0.063	88,200	2.02	1.30%	2.52%											
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	2.59%	1.89%											
v120812																																										
All items subject to availability. Mix composition may vary seasonally								5.62	2.91			5.15	2.85																													
Forb totals																												4.833	3,506.633	81	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.