

CRP Forbs for Dry Sandy or Gravelly Soils

Native species per mix 33
 Seeds per square foot 67
 Native FQI NE Illinois 34.11
 Native FQI Illinois 30.99
 Native Mean C Value NE Illinois 5.94
 Native Mean C Value Illinois 5.39
 Mean W Value NE Illinois 3.97
 Mean W Value Illinois 3.67

One of our more economical forb mixes. Intended for use with native grasses in Conservation Reserve Program plantings in very well drained soils. Sold by the pound. We recommend 5 pounds minimum per acre with native grasses. No substitutions.

Forbs		S&W S&W wet S&W wet Illinois IL wet IL wet														bloom time															
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	% by weight	% by count
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	0.016	2,099	0.05	0.33%	0.07%
ARTCAU	ARTCAM	ARCA24	ARCA2	<i>Artemisia campestris caudata</i> { <i>A. caudata</i> }	Beach Wormwood	Compositae	Nt B-Forb	5	5	UPL	4	5	UPL	1.5-2.5 (2.0)	green										250,000	4,000,000	0.068	273,600	6.28	1.37%	9.42%
ASTCAN	ASTCAN	ASCA11	ASCA11	<i>Astragalus canadensis</i>	Canada Milkvetch	Leguminosae	Nt P-Forb	10	5	[UPL]	7	-1	FAC+	2.0-3.5 (2.5)	cream										17,500	280,000	0.269	75,432	1.73	5.39%	2.60%
BAPLEA	BAPLAC	BALE2	BAALM	<i>Baptisia lactea</i> * <i>B. alba macrophylla</i> *	White Indigo	Leguminosae	Nt P-Forb	8	2	FACU+	6	3	FACU	2.0-4.5 (3.3)	white										1,875	30,000	0.065	1,950	0.04	1.30%	0.07%
KUHEUC	BRIEUP	BREUC	BREUC	<i>Brickellia eupatorioides corymbulosa</i> { <i>Kuhnia e. c.</i> }	False Boneset	Compositae	Nt P-Forb	6	5	UPL	6	5	UPL	1.0-2.0 (1.5)	cream										30,625	490,000	0.033	16,170	0.37	0.66%	0.56%
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	0.202	11,132	0.26	4.05%	0.38%
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	0.484	92,036	2.11	9.69%	3.17%
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	0.016	3,198	0.07	0.33%	0.11%
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	0.033	8,316	0.19	0.66%	0.29%
PETPUR	DALPUR	DAPUP	DAPUP	<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	0.269	80,700	1.85	5.38%	2.78%
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	0.323	23,902	0.55	6.46%	0.82%
DESILE	DESILE	DEIL2	DEIL2	<i>Desmodium illinoensis</i>	Illinois Ticktrefoil	Leguminosae	Nt P-Forb	6	5	UPL	5	5	UPL	4.0-6.0 (5.0)	blue										4,375	70,000	0.033	2,310	0.05	0.66%	0.08%
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	0.134	13,400	0.31	2.68%	0.46%
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	0.269	38,198	0.88	5.38%	1.32%
HELHEL	HELHEL	HEHE5	HEHE5	<i>Helopsis 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	0.060	6,644	0.15	1.21%	0.23%
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	0.049	8,645	0.20	0.99%	0.30%
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	0.033	8,283	0.19	0.67%	0.29%
LUPPEO	LUPPER	LUPE3	LUPE3	<i>Lupinus perennis</i>	Wild Lupine	Leguminosae	Nt P-Forb	5	5	UPL	8	5	UPL	1.5-2.5 (3.0)	blue										1,094	17,500	0.269	4,715	0.11	5.39%	0.16%
MONFIS	MONFIS	MOF1	MOF1	<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	0.033	36,740	0.84	0.67%	1.27%
OENBIE	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	0.101	146,016	3.35	2.03%	5.03%
SOLRIG	SOLRIG	OLRIR	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	0.134	87,386	2.01	2.69%	3.01%
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	0.134	26,880	0.62	2.69%	0.93%
PENGRN	PENGRN	PEGR7	PEGR7	<i>Penstemon grandiflorus</i>	Largeflower Beardtongue	Scrophulariaceae	Nt P-Forb	*	5	UPL	8	5	UPL	1.5-2.5 (2.0)	lilac										16,250	260,000	0.134	34,840	0.80	2.68%	1.20%
POTARU	POTARU	POAR7	POAR7	<i>Potentilla arguta</i>	Prairie Cinquefoil	Rosaceae	Nt P-Forb	9	4	FACU-	10	4	FACU-	1.0-3.0 (2.0)	yellow										200,000	3,200,000	0.034	108,800	2.50	0.68%	3.75%
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	0.538	274,380	6.30	10.76%	9.45%
RUDHIR	RUDHIR	RUH2	RUH2	<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	0.523	784,500	18.01	10.46%	27.02%
RUDSUB	RUDSUB	RUSU	RUSU	<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	Compositae	Nt P-Forb	9	2	FACU+	5	-3	FACU	2.0-4.0 (3.0)	yellow										46,250	740,000	0.134	99,160	2.28	2.68%	3.42%
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	0.101	3,030	0.07	2.02%	0.10%
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	0.033	108,900	2.50	0.66%	3.75%
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	0.068	115,600	2.65	1.36%	3.98%
ASTLAE	ASTLAE	SYLAL3	ASLAL5	<i>Symphotrichum laeve</i> { <i>Aster l.</i> }	Smooth Aster	Compositae	Nt P-Forb	9	5	UPL	8	5	UPL	2.0-3.5 (2.5)	blue										68,750	1,100,000	0.134	147,400	3.38	2.68%	5.08%
ASTAZU	ASTAZU	SYOOO	ASOO4	<i>Symphotrichum oolentangensis</i> { <i>Aster azureus</i> } * <i>A. o.</i> *	Azure Aster	Compositae	Nt P-Forb	8	5	UPL	7	5	UPL	2.0-3.0 (2.5)	blue										87,500	1,400,000	0.134	187,600	4.31	2.68%	6.46%
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	0.134	71,020	1.63	2.68%	2.45%
v120812																									Forb totals	5,000	2,902,982	67	100.00%	100.00%	

All items subject to availability. Mix composition may vary seasonally

5.94 3.97 5.39 3.67

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.