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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.

| ACRONYMS |        |        |         | 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>Liatris 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 | 7  | 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 oolentangiense</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.