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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 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 | % 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   | 0.015 | 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 | BAL2E  | 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  | DAPUS                                      | <i>Dalea purpurea</i> (Petalostemum 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 | 8    | 1          | 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 | 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 | 0.063 | 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 | OLR1R  | 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 | RAP1   | RAP1                                       | <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 | SIH2   | SIH2                                       | <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 | 88,500      | 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.