



United FACW Wetland Mixture is formulated to more accurately represent species found in Zone 3 (Iowa) and Zone 5 (Nebraska) as designated by the [USDA Wetland Indicator Status](#). FACW wetland species are found in wet soils that will occasionally dry out during summer months. United FACW Wetland Mixture is a complete mixture of native warm season grasses, native cool season grasses, wildflowers and sedges. Special emphasis of species selection was placed on seed count per pound to minimize domination of smaller sized seeds.

**Seeding Rate:** 15.0 Pounds/Acre (Drill Seeding)      18.0 Pounds/Acre (Broadcast Seed or Dormant Seed)

**Seeding Dates:** March-June      **Dormant Seed:** Mid November-March

**Germination Times:** 10-30 Days (as a mix)

| Botanical Name                      | Common Name             | % of Mix | PLS Rate Per Acre (15 LBS/AC) | Mature Height | Flower Color |
|-------------------------------------|-------------------------|----------|-------------------------------|---------------|--------------|
| <i>Agrostis gigantea</i>            | RED TOP                 | 1.67%    | 0.25                          | 2-3'          | NA           |
| <i>Andropogon gerardii</i>          | BIG BLUESTEM            | 6.67%    | 1.00                          | 5-7'          | NA           |
| <i>Aster Novae-angliae</i>          | NEW ENGLAND ASTER       | 1.67%    | 0.25                          | 2-6'          | Purple       |
| <i>Aster umbellatus</i>             | FLAT TOPPED WHITE ASTER | 0.13%    | 0.02                          | 2-6'          | White        |
| <i>Bindens frondosa</i>             | BEGGAR TICKS            | 1.67%    | 0.25                          | 4'            | Yellow       |
| <i>Carex crinita</i>                | FRINGED (NODDING) SEDGE | 0.47%    | 0.07                          | 3'            | NA           |
| <i>Carex lupulina</i>               | HOP SEDGE               | 1.67%    | 0.25                          | 3'            | NA           |
| <i>Carex scoparia</i>               | BLUNT BROOM SEDGE       | 1.33%    | 0.20                          | 2'            | NA           |
| <i>Elymus canadensis</i>            | CANADA WILDRYE          | 16.67%   | 2.50                          | 3-4'          | NA           |
| <i>Elymus virginicus</i>            | VIRGINIA WILDRYE        | 18.33%   | 2.75                          | 3-4'          | NA           |
| <i>Eupatorium perfolitum</i>        | BONESET                 | 0.33%    | 0.05                          | 5'            | White        |
| <i>Euthamia graminifolia</i>        | GRASS LEAVED GOLDENROD  | 0.33%    | 0.05                          | 2-3'          | Yellow       |
| <i>Festuca rubra ssp. Commutata</i> | CHEWINGS FESCUE         | 11.67%   | 1.75                          | 2-3'          | NA           |
| <i>Glyceria grandis</i>             | AMERICAN MANNAGRASS     | 0.33%    | 0.05                          | 5-6'          | NA           |
| <i>Helenium autumnale</i>           | COMMON SNEEZEWEED       | 0.33%    | 0.05                          | 4-5'          | Yellow       |
| <i>Helopsis helianthoides</i>       | OXEYE SUNFLOWER         | 2.67%    | 0.40                          | 4'            | Yellow       |
| <i>Helianthus grosseserratus</i>    | SAWTOOTH SUNFLOWER      | 0.20%    | 0.03                          | 5-7'          | Yellow       |
| <i>Juncus tenuis</i>                | PATH RUSH               | 0.13%    | 0.02                          | 1'            | NA           |
| <i>Lobelia siphilitica</i>          | GREAT BLUE LOBELIA      | 0.13%    | 0.02                          | 1'4           | Blue         |
| <i>Panicum virgatum</i>             | SWITCHGRASS             | 6.67%    | 1.00                          | 5-6'          | NA           |
| <i>Phleum pratense</i>              | TIMOTHY                 | 5.00%    | 0.75                          | 1.5-3'        | NA           |
| <i>Physostegia virginiana</i>       | OBEDIENT PLANT          | 0.13%    | 0.02                          | 1-4'          | Purple       |
| <i>Poa palustris</i>                | FOWL BLUEGRASS          | 11.67%   | 1.75                          | 2-3'          | NA           |
| <i>Polygonum pennsylvanicum</i>     | PENNSYLVANIA SMARTWEED  | 1.00%    | 0.15                          | 4-5'          | Pink/Purple  |
| <i>Rudbeckia laciniata</i>          | CUTLEAF CONEFLOWER      | 0.13%    | 0.02                          | 5'            | Yellow       |
| <i>Silphium perfoliatum</i>         | CUP PLANT               | 1.33%    | 0.20                          | 7-8'          | Yellow       |
| <i>Spartina pectinata</i>           | PRAIRIE CORDGRASS       | 3.33%    | 0.50                          | 6'            | NA           |
| <i>Verbena hastata</i>              | BLUE VERVAIN            | 1.33%    | 0.20                          | 2-4'          | Violet       |
| <i>Vernonia gigantea</i>            | GIANT IRONWEED          | 1.33%    | 0.20                          | 3-6'          | Purple       |
| <i>Zizia aurea</i>                  | GOLDEN ALEXANDERS       | 1.67%    | 0.25                          | 3'            | Yellow       |

| COMMON NAME            | ORIGIN | LOT NUMBER     | TEST DATE |        |       |        |       | TOTAL   |      |         | TOTAL | PLS    | PLS    |
|------------------------|--------|----------------|-----------|--------|-------|--------|-------|---------|------|---------|-------|--------|--------|
|                        |        |                |           | PURITY | CROP  | INERT  | WEED  | PURE    | GERM | DORMANT | GERM. | %      | FACTOR |
| RED TOP                | CAN    | 140024         | 7/15/2015 | 97.49% | 0.00% | 2.01%  | 0.50% | 100.00% | 92%  | 0%      | 92%   | 89.69% | 1.115  |
| BIG BLUESTEM           | IA     | ANDGER014F     | 4/1/2015  | 81.70% | 0.00% | 18.30% | 0.00% | 100.00% | 13%  | 77%     | 90%   | 73.53% | 1.360  |
| NEW ENGLAND ASTER      | IA     | 14.A.2099Z1    | 5/15/2015 | 92.22% | 0.23% | 7.52%  | 0.03% | 100.00% | 94%  | 0%      | 94%   | 86.23% | 1.160  |
| FLAT TOPPED ASTER      | PA     | ASTUMB0212PA   | 4/1/2015  | 99.51% | 0.00% | 0.49%  | 0.00% | 100.00% | 14%  | 66%     | 80%   | 79.61% | 1.256  |
| BEGGAR TICKS           | IA     | BIDFRO145A     | 7/24/2015 | 99.03% | 0.00% | 0.97%  | 0.00% | 100.00% | 86%  | 0%      | 86%   | 85.17% | 1.174  |
| FRINGED SEDGE          | PA     | CARCRI01-14MX  | 7/15/2015 | 98.29% | 0.06% | 1.65%  | 0.00% | 100.00% | 42%  | 48%     | 90%   | 88.46% | 1.130  |
| HOP SEDGE              | MN     | CARLUP774A     | 8/31/2015 | 94.95% | 0.21% | 4.81%  | 0.03% | 100.00% | 92%  | 0%      | 92%   | 87.35% | 1.145  |
| BROOM SEDGE            | WI     | CARSCO494A     | 4/12/2015 | 99.87% | 0.01% | 0.12%  | 0.00% | 100.00% | 92%  | 0%      | 92%   | 91.88% | 1.088  |
| CANADA WILDRYE         | MN     | D1502          | 10/6/2015 | 95.50% | 0.01% | 4.49%  | 0.00% | 100.00% | 94%  | 2%      | 96%   | 91.68% | 1.091  |
| VIRGINIA WILDRYE       | MN     | ELYVIR014A     | 9/28/2015 | 97.71% | 0.03% | 2.24%  | 0.02% | 100.00% | 95%  | 0%      | 95%   | 92.82% | 1.077  |
| BONESET                | IA     | 14.A.9000A     | 5/1/2015  | 93.08% | 0.00% | 6.92%  | 0.00% | 100.00% | 29%  | 66%     | 95%   | 88.43% | 1.131  |
| GRASS LEAVED GOLDENROD | MN     | GWD11          | 7/1/2015  | 93.05% | 0.00% | 6.95%  | 0.00% | 100.00% | 55%  | 33%     | 88%   | 81.88% | 1.221  |
| CHEWINGS FINE FESCUE   | OR     | M63-14-3SF2-3  | 6/1/2015  | 98.69% | 0.00% | 1.28%  | 0.03% | 100.00% | 90%  | 0%      | 90%   | 88.82% | 1.126  |
| AMERICAN MANNAGRASS    | CO     | 1768           | 3/15/2015 | 80.03% | 0.16% | 19.80% | 0.01% | 100.00% | 88%  | 0%      | 88%   | 70.43% | 1.420  |
| SNEEZEWEED             | IA     | 13.A.1015A     | 3/1/2015  | 85.45% | 0.00% | 14.54% | 0.01% | 100.00% | 20%  | 66%     | 86%   | 73.49% | 1.361  |
| FALSE/OXEYED SUNFLOWER | IA     | .13.A.5482Z1   | 3/30/2015 | 99.94% | 0.04% | 0.01%  | 0.01% | 100.00% | 87%  | 7%      | 94%   | 93.94% | 1.064  |
| SAWTOOTH SUNFLOWER     | IA     | 14.A.7025C     | 6/15/2015 | 98.93% | 0.01% | 1.06%  | 0.00% | 100.00% | 82%  | 12%     | 94%   | 92.99% | 1.075  |
| PATH RUSH              | CO     | 8068           | 5/1/2015  | 99.88% | 0.00% | 0.12%  | 0.00% | 100.00% | 96%  | 0%      | 96%   | 95.88% | 1.043  |
| GREAT BLUE LOBELIA     | IA     | 14.A.2052Z1    | 4/13/2015 | 93.89% | 0.00% | 6.11%  | 0.00% | 100.00% | 21%  | 72%     | 93%   | 87.32% | 1.145  |
| SWITCHGRASS            | IA     | PANVIR465A     | 5/4/2015  | 99.94% | 0.00% | 0.06%  | 0.00% | 100.00% | 21%  | 74%     | 95%   | 94.94% | 1.053  |
| TIMOTHY                | CAN    | WGB14531       | 7/22/2015 | 99.78% | 0.04% | 0.16%  | 0.02% | 100.00% | 94%  | 0%      | 94%   | 93.79% | 1.066  |
| OBEDIENT PLANT         | IA     | 14.A.5028A     | 4/1/2015  | 98.98% | 0.00% | 1.02%  | 0.00% | 100.00% | 31%  | 57%     | 88%   | 87.10% | 1.148  |
| FOWL BLUEGRASS         | CAN    | POAPAL434A     | 6/15/2015 | 92.62% | 0.08% | 7.22%  | 0.08% | 100.00% | 89%  | 5%      | 94%   | 87.06% | 1.149  |
| PENNSYLVANIA SMARTWEED | OH     | POLPEN01-10    | 5/15/2015 | 99.95% | 0.00% | 0.05%  | 0.00% | 100.00% | 1%   | 88%     | 89%   | 88.96% | 1.124  |
| WILD GOLDEN GLOW       | IA     | 13A7036A       | 3/9/2015  | 98.40% | 0.01% | 1.58%  | 0.01% | 100.00% | 21%  | 74%     | 95%   | 93.48% | 1.070  |
| CUP PLANT              | PA     | SILPER01-11-PA | 6/1/2015  | 96.32% | 0.02% | 3.66%  | 0.00% | 100.00% | 19%  | 76%     | 95%   | 91.50% | 1.093  |
| PRAIRIE CORDGRASS      | MN     | C7516          | 5/15/2015 | 61.54% | 0.30% | 38.16% | 0.00% | 100.00% | 32%  | 59%     | 91%   | 56.00% | 1.786  |
| BLUE VERVAIN           | IA     | 14.A.8063A     | 7/15/2015 | 99.78% | 0.00% | 0.22%  | 0.00% | 100.00% | 10%  | 76%     | 86%   | 85.81% | 1.165  |
| IRONWEED               | IA     | 14.A.578M      | 6/15/2015 | 90.22% | 0.00% | 9.78%  | 0.00% | 100.00% | 12%  | 81%     | 93%   | 83.90% | 1.192  |
| GOLDEN ALEXANDERS      | IA     | 15.A.6077Z1    | 9/21/2015 | 99.86% | 0.00% | 0.12%  | 0.02% | 100.00% | 5%   | 88%     | 93%   | 92.87% | 1.077  |

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