



Description

Rain Garden mixtures are the wave of the future, with more emphasis being put on water conservation every day. This mixture addresses water conservation in the diversity it possesses. With excellent deep rooting abilities and lower maintenance requirements of all the species this mix will help to filter collected rain water for ground water replenishment. Use this mix in larger areas or smaller, more confined areas. This mixture is also very aesthetically pleasing with excellent color variation from the wildflowers as well as the beautiful mature texture and colors of the native grasses and "grass-like" species. Use this mixture in areas of excessive water run-off or retention basins sites for natural water infiltration.

| <u>BOTANICAL NAME</u> | <u>COMMON NAME</u> | <u>% OF MIX</u> | <u>MATURE HT.</u> |
|--------------------------------|-------------------------------|-----------------|-------------------|
| <i>Elymus virginicus</i> | VIRGINIA WILDRYE | 30.00% | 4' |
| <i>Elymus riparius</i> | RIVERBANK WILDRYE | 20.00% | 4' |
| <i>Carex vulpinoidea</i> | FOX SEDGE | 15.00% | 2-3' |
| <i>Andropogon gerardii</i> | BIG BLUESTEM | 10.00% | 4-6' |
| <i>Asclepias incarnata</i> | SWAMP MILKWEED | 5.00% | 2-3' |
| <i>Carex comosa</i> | BRISTLY SEDGE | 5.00% | 2' |
| <i>Aster novae-angliae</i> | NEW ENGLAND ASTER | 2.50% | 4' |
| <i>Tradescantia ohioensis</i> | OHIO SPIDERWORT | 2.50% | 2-3' |
| <i>Verbena hastata</i> | BLUE VERVAIN | 2.50% | 2-3' |
| <i>Zizia aurea</i> | GOLDEN ALEXANDERS | 2.50% | 3-4' |
| <i>Scirpus atrovirens</i> | DARK GREEN BULRUSH | 1.50% | 4-5' |
| <i>Pycnanthemum virginicum</i> | VIRGINIA MOUNTAIN MINT | 1.50% | 3' |
| <i>Carex hystericina</i> | PORCUPINE SEDGE | 1.00% | 3' |
| <i>Vernonia fasciculata</i> | IRONWEED | 0.50% | 4-5' |
| <i>Aquilegia canadensis</i> | COLUMBINE | 0.50% | 2' |

Characteristics

- Diverse mixture of species that will tolerate saturated to dry soils
- Use in rain collection areas for gradual water infiltration
- Once established, mixture displays excellent color variation during bloom time and maturity
- Very low maintenance once established
- Mixture may contain with high levels of dormancy
- 2-3 years establishment time is expected
- Dormant seeding is recommended for natural seed stratification
- Cover crop is not included in the mixture, but is recommended

Seeding Information

Seeding Rates: 15 LBS / Acre (Drill Seeded)

20 LBS / Acre (Broadcast Seeded)

Seeding Dates: March-May _ August-October _ Dormant: Dec-Feb

Germination Times: 7-28 Days*

* For germination ready seeds only. Some seeds may be dormant and need stratified in order to germinate. Stratification is physiological change in the seed when there is a moisture and/or temperature change in the seeds environment.



| COMMON NAME | ORIGIN | LOT NUMBER | TEST DATE | | | | | TOTAL | | | TO- GERM . | PLS % | PLS FAC- TOR |
|------------------------|--------|------------------|--------------|-------------|-------|--------|-------|---------|------|-------------|------------------|----------|--------------------|
| | | | | PURI- TY | CROP | INERT | WEED | PURE | GERM | DORMAN T | | | |
| VIRGINIA WILDRYE | MN | ELYVIR0116WH12 | 11/15/2016 | 99.29% | 0.00% | 0.71% | 0.00% | 100.00% | 96% | 0% | 96% | 95.32% | 1.049 |
| RIVERBANK WILDRYE | PA | ELYRIP01-15-B3 | 1/15/2017 | 97.92% | 0.04% | 2.04% | 0.00% | 100.00% | 77% | 16% | 93% | 91.07% | 1.098 |
| FOX SEDGE | PA | CARVUL01-15-LRC | 1/5/2017 | 99.61% | 0.00% | 0.39% | 0.00% | 100.00% | 1% | 80% | 81% | 80.68% | 1.239 |
| BIG BLUESTEM | NE | BBP-2045-30 | 10/25/2016 | 80.89% | 0.00% | 19.11% | 0.00% | 100.00% | 97% | 0% | 97% | 78.46% | 1.274 |
| SWAMP MILKWEED | PA | ASCINC01-15PA | 1/15/2017 | 97.23% | 0.00% | 2.77% | 0.00% | 100.00% | 17% | 77% | 94% | 91.40% | 1.094 |
| BRISTLY SEDGE | MN | CARCOM01-15PA-CH | 10/15/2016 | 89.91% | 0.00% | 9.55% | 0.54% | 100.00% | 60% | 13% | 73% | 65.63% | 1.524 |
| NEW ENGLAND ASTER | IA | ASTNOV146A | 1/10/2017 | 96.08% | 0.00% | 3.92% | 0.00% | 100.00% | 88% | 0% | 88% | 84.55% | 1.183 |
| OHIO SPIDERWORT | PA | TRAOHI516A | 10/13/2016 | 99.76% | 0.00% | 0.24% | 0.00% | 100.00% | 93% | 0% | 93% | 92.78% | 1.078 |
| BLUE VERVAIN | PA | VERHAS01-16PA-2 | 11/15/2016 | 99.76% | 0.00% | 0.16% | 0.08% | 100.00% | 1% | 84% | 85% | 84.80% | 1.179 |
| GOLDEN ALEXANDERS | IA | ZIZAUR466B | 1/15/2017 | 99.90% | 0.00% | 0.10% | 0.00% | 100.00% | 90% | 0% | 90% | 89.91% | 1.112 |
| DARK GREEN BULRUSH | IA | SCIATR465A | 2/15/2017 | 99.30% | 0.00% | 0.70% | 0.00% | 100.00% | 9% | 81% | 90% | 89.37% | 1.119 |
| VIRGINIA MOUNTAIN MINT | IA | 16-A-1091 | 10/15/2016 | 82.09% | 0.01% | 17.89% | 0.01% | 100.00% | 99% | 0% | 99% | 81.27% | 1.230 |
| PORCUPINE SEDGE | MN | CARHYS015A | 12/15/2016 | 98.46% | 0.00% | 1.54% | 0.00% | 100.00% | 16% | 76% | 92% | 90.58% | 1.104 |
| IRONWEED | IA | VERFAS465A | 11/15/2016 | 90.22% | 0.00% | 9.78% | 0.00% | 100.00% | 82% | 1% | 83% | 74.88% | 1.335 |
| COLUMBINE | IA | 16AB8038 | 1/5/2017 | 99.91% | 0.01% | 0.07% | 0.01% | 100.00% | 3% | 86% | 89% | 88.92% | 1.125 |