SUNMARK SEEDS INTERNATIONAL, INC.

PO Box 1210 Fairview OR 97024 503-241-7333 888-214-7333





Sunmark Native Swale Mix

Acres: 1
Quantity: 43.48 lbs.

| Common Name | % by Weight | Seeds per | Seeds per lb | Actual % by | Seeding Rate | Lbs. Needed | % Requested |
|-------------------------|---|--|--|--|---|---|---|
| Blue Wildrye | 50.00% | 55000 | 110000 | 10.26% | 21.739 | 21.74 | 10% |
| Native Red Fescue | 15.00% | 82500 | 550000 | 15.39% | 6.522 | 6.52 | 15% |
| Meadow Barley | 10.00% | 8500 | 85000 | 1.59% | 4.348 | 4.35 | 5% |
| Northwestern Mannagrass | 10.00% | 150000 | 1500000 | 27.99% | 4.348 | 4.35 | 30% |
| American Sloughgrass | 10.00% | 115000 | 1150000 | 21.46% | 4.348 | 4.35 | 15% |
| Tufted Hairgrass | 5.00% | 125000 | 2500000 | 23.32% | 2.174 | 2.17 | 25% |
| | Blue Wildrye Native Red Fescue Meadow Barley Northwestern Mannagrass American Sloughgrass | Blue Wildrye 50.00% Native Red Fescue 15.00% Meadow Barley 10.00% Northwestern Mannagrass 10.00% American Sloughgrass 10.00% Tufted Hairgrass 5.00% | Common Name % by Weight lb. of Mix Blue Wildrye 50.00% 55000 Native Red Fescue 15.00% 82500 Meadow Barley 10.00% 8500 Northwestern Mannagrass 10.00% 150000 American Sloughgrass 10.00% 115000 Tufted Hairgrass 5.00% 125000 | Common Name % by Weight lb. of Mix per lb. Blue Wildrye 50.00% 55000 110000 Native Red Fescue 15.00% 82500 550000 Meadow Barley 10.00% 8500 85000 Northwestern Mannagrass 10.00% 150000 1500000 American Sloughgrass 10.00% 115000 1150000 Tufted Hairgrass 5.00% 125000 2500000 | Common Name % by Weight lb. of Mix per lb. Seed Size Blue Wildrye 50.00% 55000 110000 10.26% Native Red Fescue 15.00% 82500 550000 15.39% Meadow Barley 10.00% 8500 85000 1.59% Northwestern Mannagrass 10.00% 150000 27.99% American Sloughgrass 10.00% 115000 1150000 21.46% Tufted Hairgrass 5.00% 125000 2500000 23.32% | Blue Wildrye 50.00% 55000 110000 10.26% 21.739 Native Red Fescue 15.00% 82500 550000 15.39% 6.522 Meadow Barley 10.00% 8500 85000 1.59% 4.348 Northwestern Mannagrass 10.00% 150000 27.99% 4.348 American Sloughgrass 10.00% 115000 21.46% 4.348 Tufted Hairgrass 5.00% 125000 2500000 23.32% 2.174 | Blue Wildrye 50.00% 55000 110000 10.26% 21.739 21.74 Native Red Fescue 15.00% 82500 550000 15.39% 6.522 6.52 Meadow Barley 10.00% 8500 85000 1.59% 4.348 4.35 Northwestern Mannagrass 10.00% 150000 150000 27.99% 4.348 4.35 American Sloughgrass 10.00% 115000 1150000 21.46% 4.348 4.35 Tufted Hairgrass 5.00% 125000 2500000 23.32% 2.174 2.17 |

TOTALS: 100.00% 536000 100% 43.479 43.48 100%

Seeding Rate

1.00 PLS lbs. per 1000 sq. ft. 43.48 PLS lbs. per acre



A Swale is a broad, shallow channel, densely planted with a variety of trees, shrubs, and grasses. They are designed to attenuate and in some cases infiltrate runoff from adjacent impervious surfaces, allowing pollutants to settle out in the process. Sunmark's Native swale mix has been designed to accentuate this purpose. It is comprised of native species that establish quickly and provide phytoremediation of stormwater.