

SUNMARK SEEDS INTERNATIONAL, INC.
 2255 NE 194th Ave
 Portland, OR 97230
 503-241-7333
 888-214-7333



Grasses	65.61%
Flowers	34.39%
EcoLive™	



Sunmark Native Phytoremediation Mix

Acres: 1
 Quantity: 22 lbs.

Botanical Name	Common Name	% by weight	Seeds per lb. of Mix	Seeds per lb.	Actual % by Seed Size	Lbs. Needed	% Requested
<i>Calamagrostis canadensis</i>	Bluejoint	10.00%	227000	2,270,000	20.52%	2.16	20%
<i>Alopecurus geniculatus</i>	Water Foxtail	25.00%	123750	495,000	11.18%	5.39	10%
<i>Alisima subcordatum</i>	American Water Plantain	15.00%	235200	1,568,000	21.26%	3.24	20%
<i>Helianthus annuus</i>	Common Sunflower	36.00%	21528	59,800	1.95%	7.77	5%
<i>Scirpus microcarpus</i>	Panicked Bulrush	3.00%	204000	6,800,000	18.44%	0.65	20%
<i>Deschampsia elongata</i>	Slender Hairgrass	10.00%	195000	1,950,000	17.62%	2.16	15%
<i>Typha latifolia</i>	Broadleaf Cattail	1.00%	100000	10,000,000	9.04%	0.22	10%
	EcoLive™ Organics w Mycorrhize						
		100.00%	1106478		100%	21.57	100%

Seeding Rate

0.50 PLS lbs. per 1000 sq. ft.

21.574 PLS lbs. per acre

EcoLive™ Organics Rate

1.500 lbs. per 1000 sq. ft.

57.00 lbs. per acre

Seed Needed	22	\$	1,203.99
EcoLive™ Organics Needed	57	\$	-
Total:		\$	1,203.99



Native Phytoremediation is an excellent native seed mix with very hardy and large plants. This mixture is used for removing heavy metals, pesticides, solvents, explosives, petrochemicals and their derivatives. The addition of EcoLive™ organics will develop the root structure and increase rhizofiltration, a form of bioremediation that involves filtering water through a mass of roots to remove toxic substances or excess nutrients.