

SUNMARK SEEDS INTERNATIONAL, INC.
 PO Box 1210
 Fairview OR 97024
 503-241-7333
 888-214-7333



Grasses	70.24%
Flowers	29.76%
EcoLive™ Organics	



Sunmark E/C Phytoremediation Seed Mix

Acres: 1
 Quantity: 174 lbs.

Botanical Name	Common Name	% by Weight	Seeds per lb. of Mix	Seeds per lb.	Actual % by Seed Size	Lbs. Needed	Requested %
<i>Lolium perenne</i>	Perennial Ryegrass	30.00%	33000	110,000	22.20%	52.14	20%
<i>Schedonorus arundinacea var. fawn</i>	Fawn Tall Fescue	20.00%	45400	227,000	30.55%	34.76	30%
<i>Brassica juncea</i>	Brown Mustard	8.00%	22640	283,000	15.23%	13.90	15%
<i>Helianthus annuus</i>	Common Sunflower	15.00%	8970	59,800	6.04%	26.07	5%
<i>Phleum pratense</i>	Timothy	2.00%	26000	1,300,000	17.49%	3.48	15%
<i>Onobrychis viciifolia</i>	Sainfoin	17.00%	5100	30,000	3.43%	29.55	10%
<i>Lathyrus latifolius</i>	Perennial Pea	8.00%	7520	94,000	5.06%	13.90	5%
<i>EcoLive™ Organics</i>							
TOTALS:		100.00%	148630		100%	174	100%

Seeding Rate 4.00 PLS Pounds Per 1000 Square Feet
 174 PLS Pounds Per Acre
EcoLive™ Organics Rate 1.500 Pounds Per 1000 Square Feet
 65.00 Pounds Per Acre



Phytoremediation describes the treatment of environmental problems (bioremediation) through use of plants. This mixture is quick establishing, with very hardy and large plants. The addition of EcoLive™ organics will aid in developing 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. Use in bioswales, ditches, water quality swales to sequester and control pollution discharge.