

Project: Cover It Up (Phase I – Big and small plots) herbaceous mix

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Minnesota Invasive Terrestrial
Plants & Pests Center

Common Name	Scientific name	Pounds per acre	Pounds per square meter	Seeds per ounce	Seeds per square foot	Seeds per square meter
Graminoids						
Sideoats Grama	<i>Bouteloua curtipendula</i>	0.5	0.0001235525815	6000	1.10	11.86
Hairy woodland brome	<i>Bromus pubescens</i>	0.79	0.0001952130788	7600	2.21	23.74
canada wildrye	<i>Elymus canadensis</i>	2	0.000494210326	5200	5.00	41.12
silky wildrye	<i>Elymus villosus</i>	1.5	0.0003706577445	5500	3.03	32.62
virginia wildrye	<i>Elymus virginicus</i>	4	0.0009884206521	4200	6.17	66.42
bottlebrush grass	<i>Hystrix patula</i>	0.5	0.0001235525815	7600	1.40	15.02
Mexican muhly	<i>Muhlenbergia mexicana</i>	0.2	0.0000494210326	175,000	12.86	138.38
switchgrass	<i>Panicum virgatum</i>	0.5	0.0001235525815	14000	2.57	27.68
indian grass	<i>Sorghastrum nutans</i>	0.5	0.0001235525815	12000	2.20	23.72
plains oval sedge	<i>Carex brevior</i>	0.4	0.00009884206521	29000	4.26	45.86
Eastern Star sedge	<i>Carex radiata</i>	0.2	0.0000494210326	41000	3.01	32.42
Annual rye	<i>Lolium multiflorum</i>	3	0.000741315489	14000	15.43	166.05
Spring wheat	<i>Triticum aestivum</i>	20	0.00494210326	687.5	5.05	54.36

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Forbs						
Common name	Scientific name	Ounces per acre	Ounces per square meter	Seeds per ounce	Seeds per square foot	Seeds per square meter
purple giant hyssop	<i>Agastache scrophulariaefolia</i>	0.5	0.0001235525815	93000	1.07	11.49
Columbine	<i>Aquilegia canadensis</i>	0.5	0.0001235525815	38000	0.44	4.69
heart-leaved aster	<i>Aster cordifolius</i>	0.5	0.0001235525815	140000	1.61	17.30
smooth blue aster	<i>Aster laevis</i>	0.5	0.0001235525815	55000	0.63	6.80
large leaf aster	<i>Aster macrophyllus</i>	0.7	0.0001729736141	27000	0.43	4.67
arrow-leaved aster	<i>Aster sagittifolius</i>	0.5	0.0001235525815	135000	1.55	16.68
tall bellflower	<i>Campanula americana</i>	0.125	0.00003088814538	170000	0.49	5.25
virgin's bower	<i>Clematis virginiana</i>	1.43	0.0003533603831	16000	0.53	5.65
showy tick-trefoil	<i>Desmodium canadense</i>	1	0.000247105163	5500	0.13	1.36
purple joe pye weed	<i>Eupatorium purpureum</i>	0.4	0.00009884206521	42000	0.39	4.15
white snakeroot	<i>Eupatorium rugosum, Ageratina altissima</i>	2	0.000494210326	150000	6.89	74.13
wild geranium	<i>Geranium maculatum</i>	0.75	0.0001853288723	5000	0.09	0.93
virginia waterleaf	<i>Hydrophyllum virginianum</i>	2	0.000494210326	2800	0.13	1.38
great st. johnswort	<i>Hypericum pyramidalatum</i>	0.25	0.00006177629075	190000	1.09	11.74
wild bergamot	<i>Monarda fistulosa</i>	1.8	0.0004447892934	70000	2.89	31.14
black-eyed susan	<i>Rudbeckia hirta</i>	1.6	0.0003953682608	92000	3.38	36.37
green coneflower	<i>Rudbeckia laciniata</i>	1	0.000247105163	10000	0.23	2.47
brown-eyed susan	<i>Rudbeckia triloba</i>	6	0.001482630978	34000	4.68	50.41
figwort	<i>Scrophularia lanceolata</i>	0.63	0.0001556762527	185000	2.68	28.80
tall meadow rue	<i>Thalictrum dasycarpum</i>	3.8	0.0009389996195	11000	0.96	10.33
Blue vervain	<i>Verbena hastata</i>	1	0.000247105163	93000	2.13	22.98
golden alexanders	<i>Zizia aurea</i>	4.2	0.001037841685	11000	1.06	11.42