

Project: Managing Buckthorn with Trees herbaceous mix

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**Minnesota Invasive Terrestrial
Plants & Pests Center**

<i>Scientific Name</i>	Common Name	Seeds per ounce	Seeds per square foot	Planned g per 200-level plot	200-level pounds per acre	400-level pounds per acre	600-level pounds per acre	800-level pounds per acre
<i>Bouteloua curtipendula</i>	Sideoats Grama	6,000	1	20.3	1.67	3.35	5.02	6.69
<i>Elymus canadensis</i>	canada wildrye	5,200	8	187.8	16.73	33.45	50.18	66.91
<i>Elymus hystrix</i>	Eastern bottlebrush grass	7,600	2	32.1	4.27	8.55	12.82	17.09
<i>Elymus villosus</i>	Silky wildrye	5,500	0.4	8.9	0.88	1.76	2.63	3.51
<i>Elymus virginicus</i>	virginia wildrye	4,200	5	145.3	12.73	25.47	38.20	50.93
<i>Schizachyrium scoparium</i>	little bluestem	15,000	1.4	11.4	1.23	2.47	3.70	4.93
<i>Desmodium canadense</i>	showy tick-trefoil	5,500	0.1666666667	3.7	0.33	0.66	0.99	1.32
<i>Panicum virgatum</i>	switchgrass	14,000	1.2	10.5	1.12	2.24	3.36	4.48
<i>Agastache foeniculum</i>	anise hyssop	90,000	0.5	0.7	0.08	0.17	0.25	0.33
<i>Aquilegia canadensis</i>	Red columbine	38,000	0.1666666667	0.5	0.05	0.11	0.16	0.22
<i>Symphyotrichum laeve</i>	smooth blue aster	55,000	0.1666666667	0.4	0.05	0.11	0.16	0.22
<i>Monarda fistulosa</i>	wild bergamot	70,000	0.3333333333	0.6	0.07	0.14	0.21	0.28
<i>Rudbeckia hirta</i>	black-eyed susan	92,000	0.6666666667	0.9	0.09	0.18	0.28	0.37
<i>Scrophularia lanceolata</i>	figwort	185,000	0.5	0.3	0.03	0.07	0.10	0.13
<i>Thalictrum dasycarpum</i>	tall meadow rue	11,000	0.3333333333	3.7	0.37	0.74	1.11	1.48
<i>Verbena hastata</i>	Blue vervain	93,000	0.1666666667	0.2	0.03	0.06	0.09	0.11
<i>Zizia aurea</i>	golden alexanders	11,000	0.3333333333	3.7	0.33	0.66	0.99	1.32