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MANUFACTURER'S CERTIFICATION

Product Name: Mn State 34-262  
 Replacement: BWSR W3 MnDOT 325  
 Manufacturer: Ramy Turf Products  
 Contact: Michael Ramy

34-262

Wet Prairie

Common Name	Scientific Name	Rate (kg/ha)	Rate (lb/ac)	% of Mix (% by wt)	Seeds/sq ft
big bluestem	<i>Andropogon gerardii</i>	1.12	1.00	6.89%	3.67
fringed brome	<i>Bromus ciliatus</i>	1.68	1.50	10.38%	6.08
bluejoint	<i>Calamagrostis canadensis</i>	0.04	0.04	0.27%	4.00
Virginia wild rye	<i>Elymus virginicus</i>	1.96	1.75	12.07%	2.70
tall manna grass	<i>Glyceria grandis</i>	0.17	0.15	1.02%	3.80
fowl manna grass	<i>Glyceria striata</i>	0.12	0.11	0.73%	3.50
switchgrass	<i>Panicum virgatum</i>	0.84	0.75	5.16%	3.85
fowl bluegrass	<i>Poa palustris</i>	0.22	0.20	1.39%	9.60
Indian grass	<i>Sorghastrum nutans</i>	0.56	0.50	3.44%	2.20
prairie cordgrass	<i>Spartina pectinata</i>	0.56	0.50	3.41%	1.20
	Total Grasses	7.29	6.50	44.76%	40.60
wooly sedge	<i>Carex pellita</i>	0.06	0.05	0.32%	0.47
tussock sedge	<i>Carex stricta</i>	0.02	0.02	0.17%	0.48
fox sedge	<i>Carex vulpinoidea</i>	0.11	0.10	0.66%	3.50
dark green bulrush	<i>Scirpus atrovirens</i>	0.11	0.10	0.72%	17.74
woolgrass	<i>Scirpus cyperinus</i>	0.03	0.03	0.18%	16.00
	Total Sedges and Rushes	0.34	0.30	2.05%	38.19
Canada anemone	<i>Anemone canadensis</i>	0.03	0.03	0.21%	0.09
marsh milkweed	<i>Asclepias incarnata</i>	0.09	0.08	0.55%	0.14
Canada tick trefoil	<i>Desmodium canadense</i>	0.56	0.50	3.41%	1.00
flat-topped aster	<i>Doellingeria umbellata</i>	0.06	0.05	0.34%	1.20
common boneset	<i>Eupatorium perfoliatum</i>	0.03	0.03	0.23%	2.00
grass-leaved goldenrod	<i>Euthamia graminifolia</i>	0.02	0.02	0.11%	2.00
spotted Joe pye weed	<i>Eutrochium maculatum</i>	0.04	0.04	0.30%	1.50
autumn sneezeweed	<i>Helenium autumnale</i>	0.06	0.05	0.35%	2.39
sawtooth sunflower	<i>Helianthus grosseserratus</i>	0.06	0.05	0.38%	0.30
great blazing star	<i>Liatris pycnostachya</i>	0.02	0.02	0.17%	0.10
great lobelia	<i>Lobelia siphilitica</i>	0.01	0.01	0.05%	1.40
blue monkey flower	<i>Mimulus ringens</i>	0.01	0.01	0.05%	6.40
Virginia mountain mint	<i>Pycnanthemum virginianum</i>	0.09	0.08	0.55%	6.50
red-stemmed aster	<i>Symphotrichum puniceum</i>	0.09	0.08	0.56%	2.40
blue vervain	<i>Verbena hastata</i>	0.17	0.15	1.06%	5.25
bunched ironweed	<i>Vernonia fasciculata</i>	0.03	0.03	0.23%	0.30
Culver's root	<i>Veronicastrum virginicum</i>	0.02	0.02	0.14%	6.00
golden alexanders	<i>Zizia aurea</i>	0.28	0.25	1.76%	1.03
	Total Forbs	1.68	1.50	10.45%	40.00
Oats	<i>Avena sativa</i>	6.95	6.20	42.74%	2.76

	Total Cover Crop	6.95	6.20	42.74%	2.76
	Totals:	16.25	14.50	100.00%	121.55
Purpose:	<b>Wet prairie reconstruction for wetland mitigation or ecological restoration.</b>				
Planting Area:	<b>Tallgrass Aspen Parklands, Prairie Parkland, and Eastern Broadleaf Forest Provinces. Mn/DOT Districts 2(west), 3B, 4, Metro, 6, 7 &amp; 8.</b>				

- Seed Mixture 34-262 – Mn Specification

Ramy Turf Products is a MCI approved seed blending facility, licensed to mix, bag and sell seed mixtures designed and specified by the Minnesota Department of Transportation (MNDOT), Board of Water Soil Resources (BWSR), Minnesota Department of Natural Resources (DNR) and other agencies. MN 34-262 is labeled and packaged as specified in the MNDOT General Specifications and at time of production the most recent seed substitution list – that list is available upon request.

If there is any need for clarification, please contact Michael Ramy at 651-917-0939 for assistance.



Signed By

01-22-17

Date