

This Special Provision is to be used in conjunction with Standard Specification 2.20 "Seeding" and Design Bulletin No. 25. The Consultant must perform the vegetation assessment and the soil testing for fertilizer (if required) as part of his design work.

0.1 SEEDING

Unless otherwise directed by the Consultant, seeding shall be in accordance with the following:

From/To	Side	Grass Seed Mix (Native or Agronomic)	Fertilizer Composition	Fertilizer Application Rate

INSERTS: see zone map for locations

Zone 1 - Peace River District - north and west of High Level:

Seed Mix Zone	Native Seed Mix - Zone 1		Percentage by Dry Weight
	Common Name	Latin Name	
1 Wetland Mixedwood	Slender Wheat Grass	Agropyron trachycaulum	40%
	Fringed Brome ⁽¹⁾	Bromus ciliatus	15%
	Tufted Hairgrass	Deschampsia cespitosa	15%
	Northern Wheat Grass	Agropyron dasystachyum	10%
	Rocky Mountain Fescue	Festuca saximontana	10%
	Fowl Bluegrass	Poa palustris	10%

Note (1): Fringed Brome seed shall be coated.

Agronomic Seed Mix - Zone 1		
Common Name	Latin Name	Seed Mix % by Dry Weight
Pubescent Wheat Grass	Agropyron trichophorum	40%
Dahurian Wildrye	Elymus dahuricus	22%
Sheep Fescue	Festuca ovina	30%
Perennial Ryegrass	Lolium perenne	8%

Zone 2 - Athabasca District (south of Athabasca) and Grande Prairie District

Seed Mix Zone	Native Seed Mix - Zone 2		Percentage by Dry Weight
	Common Name	Latin Name	
2 Dry Mixedwood	Slender Wheat Grass	Agropyron trachycaulum	35%
	Fringed Brome ⁽¹⁾	Bromus ciliatus	20%
	Tufted Hairgrass	Deschampsia cespitosa	10%
	Northern Wheat Grass	Agropyron dasystachyum	15%
	Rocky Mountain Fescue	Festuca saximontana	10%
	Fowl Bluegrass	Poa palustris	10%

Note (1): Fringed Brome seed shall be coated.

Agronomic Seed Mix - Zone 2		
Common Name	Latin Name	Seed Mix % by Dry Weight
Pubescent Wheat Grass	Agropyron trichophorum	40%
Dahurian Wildrye	Elymus dahuricus	22%
Sheep Fescue	Festuca ovina	30%
Perennial Ryegrass	Lolium perenne	8%

Zone 3 - Athabasca District (north of Athabasca) and Hwy. Nos. 88, 750, 986

Seed Mix Zone	Native Seed Mix - Zone 3		Percentage by Dry Weight
	Common Name	Latin Name	
3 Central Mixedwood	Slender Wheat Grass	Agropyron trachycaulum	35%
	Fringed Brome ⁽¹⁾	Bromus ciliatus	10%
	Tufted Hairgrass	Deschampsia cespitosa	10%
	Canada Wildrye	Elymus canadensis	10%
	Rocky Mountain Fescue	Festuca saximontana	20%
	Tickle Grass	Agrostis scabra	10%
	Fowl Bluegrass	Poa palustris	5%

Note (1): Fringed Brome seed shall be coated.

Agronomic Seed Mix - Zone 3		
Common Name	Latin Name	Seed Mix % by Dry Weight
Pubescent Wheat Grass	Agropyron trichophorum	40%
Dahurian Wildrye	Elymus dahuricus	22%
Sheep Fescue	Festuca ovina	30%
Perennial Ryegrass	Lolium perenne	8%

Zone 4 - Lethbridge District (east of Hwy 22), Calgary District (east of Hwy 22), and Hanna District

Seed Mix Zone	Native Seed Mix - Zone 4		Percentage by Dry Weight
	Common Name	Latin Name	
4 Mixedgrass and Dry Mixedgrass	Slender Wheat Grass	Agropyron trachycaulum	30%
	Canada Wildrye	Elymus canadensis	15%
	Mountain Brome	Bromus carinatus	15%
	Northern Wheat Grass	Agropyron dasystachyum	10%
	Western Wheat Grass	Agropyron smithii	5%
	Indian Rice Grass	Orzyopsis hymenoides	5%
	Alkali Grass	Puccinellia distans	10%
	Needle and Thread Grass	Stipa comata	10%

Agronomic Seed Mix - Zone 4		
Common Name	Latin Name	Seed Mix % by Dry Weight
Pubescent Wheat Grass	Agropyron trichophorum	32%
Dahurian Wildrye	Elymus dahuricus	30%
Sheep Fescue	Festuca ovina	30%
Cereal Rye	Secale cereale	8%

Zone 5 - Stony Plain, Vermillion, and Red Deer (east of Hwy 22) Districts:

Seed Mix Zone	Native Seed Mix - Zone 5		Percentage by Dry Weight
	Common Name	Latin Name	
5 Central Parkland	Slender Wheat Grass	Agropyron trachycaulum	25%
	Northern Wheat Grass	Agropyron dasystachyum	10%
	Fringed Brome ⁽¹⁾	Bromus ciliatus	15%
	Green Needle Grass	Stipa viridula	15%
	Canada Wildrye	Elymus canadensis	10%
	Indian Rice Grass	Orzyopsis hymenoides	10%
	Nuttall's Alkali Grass	Puccinellia nuttalliana	10%
	Western Wheat Grass	Agropyron smithii	5%

Note (1): Fringed Brome seed shall be coated.

Agronomic Seed Mix - Zone 5		
Common Name	Latin Name	Seed Mix % by Dry Weight
Pubescent Wheat Grass	Agropyron trichophorum	32%
Dahurian Wildrye	Elymus dahuricus	30%
Sheep Fescue	Festuca ovina	30%
Cereal Rye	Secale cereale	8%

Zone 6 - Lethbridge, Calgary, and Red Deer Districts all located west of Hwy 22):

Seed Mix Zone	Native Seed Mix - Zone 6		Percentage by Dry Weight
	Common Name	Latin Name	
6 Lower Foothills	Slender Wheat Grass	Agropyron trachycaulum	30%
	Smooth Wildrye	Elymus glaucus	20%
	Northern Wheat Grass	Agropyron dasystachyum	10%
	Tickle Grass	Agrostis scabra	10%
	Fringed Brome ⁽¹⁾	Bromus ciliatus	10%
	Tufted Hairgrass	Deschampsia cespitosa	10%
	Foothills Rough Fescue	Festuca campestris	10%

Note (1): Fringed Brome seed shall be coated.

Agronomic Seed Mix - Zone 6		
Common Name	Latin Name	Seed Mix % by Dry Weight
Pubescent Wheat Grass	Agropyron trichophorum	40%
Dahurian Wildrye	Elymus dahuricus	22%
Sheep Fescue	Festuca ovina	30%
Perennial Ryegrass	Lolium perenne	8%