

NATUREPRO INTERIOR NATIVE DRYLAND

General Description

There is a concern about invasive species throughout BC and this native mixture was developed to address this concern. This mixture is the product of many people involved in the BC reclamation industry. Interior Native Dryland mix is made up of non-invasive species and great care is taken to ensure any contaminants are not invasive or threatening. Grading of native seed mixtures is based on Table XIII (Forage Seed Mixtures) of the Seed Regulations of the Canada Seeds Act.

Usage

To be used on reclamation projects, roadsides and other areas where a native seed mix is required on dry sites.

Adaptations

- Drought resistant
- Winter hardy
- Elevations to 2500 meters
- Salt tolerant
- Rainfall 10-50 cm annually

Mixture	By Weight	By Seed Count	
	20%	9%	Bluebunch Wheatgrass <i>Agropyron spicatum</i>
	50%	30%	Slender Wheatgrass <i>Agropyron trachycaulum</i>
	20%	51.5%	Sheeps Fescue <i>Festuca ovina</i>
	10%	9.5%	Perennial Ryegrass <i>Lolium perenne</i>

Limitations

Not adaptable to wet soil or standing water. Perennial Ryegrass is included as a non-competitive nurse crop that will thin out over time as the native species establish.

Seed Rate

20-40 kg/ha

*Mixture analysis is subject to change

NATUREPRO INTERIOR NATIVE WETLAND

General Description

There is a concern about invasive species throughout BC and this native mixture was developed to address this concern. This mixture is the product of many people involved in the BC reclamation industry. Interior Native Wetland mix is made up of non-invasive species and great care is taken to ensure any contaminants are not invasive or threatening. Grading of native seed mixtures is based on Table XIII (Forage Seed Mixtures) of the Seed Regulations of the Canada Seeds Act.

Usage

To be used on reclamation projects, roadsides and other areas where a native seed mix is required on wet sites.

Adaptations

- Tolerates moist soils and periods of standing water
- Winter hardy
- Elevations to 2500 meters
- Can tolerate moderate salt or alkali levels and contaminated water
- Rainfall over 50 cm annually

Mixture	By Weight	By Seed Count	
	45%	23%	Slender Wheatgrass <i>Agropyron trachycaulum</i>
	35%	16%	Fringed Bromegrass <i>Bromus ciliatus</i>
	15.5%	12.5%	Perennial Ryegrass <i>Lolium perenne</i>
	1.5%	15.5%	Fowl Bluegrass <i>Poa palustris</i>
	2%	16.5%	Tufted Hairgrass <i>Descampsia caespitosa</i>
	1%	16.5%	Ticklegrass (Hair Bentgrass) <i>Agrostis scabra</i>

Limitations

Not drought tolerant. Perennial Ryegrass is included as a non-competitive nurse crop that will thin out over time as the native species establish.

Seed Rate

20-40 kg/ha

**Mixture analysis is subject to change*

NATUREPRO BUNCHGRASS

General Description

There is a concern about invasive species throughout BC and this agronomic mixture was developed to address this concern. This mixture is the product of many people involved in the BC reclamation industry. It is desirable to include native species however there are no commercially available coastal species at this time. Pickseed has planned production for 2009 and will introduce native seed alternatives at that time.

Usage

Use where immediate soil protection is required and there are no existing invasive species present. The mixture facilitates the introduction of native species later.

Adaptations

- Drought resistant
- Winter hardy
- Elevations to 2100 meters
- Salt tolerant
- Rainfall over 50 cm annually

Mixture	By Weight	By Seed Count	
	50%	29%	Tall Fescue
	20%	34.5%	Sheeps or Hard Fescue
	10%	6%	Perennial Ryegrass
	5%	16.5%	Timothy
	10%	7%	Single Cut Red Clover
	3%	5%	Alsike Clover
	2%	2%	Birdsfoot Trefoil

Limitations

Perennial ryegrass may be replaced with Fall Rye on steep applications

Seed Rate

60-100 kg/ha

**Mixture analysis is subject to change*

NATUREPRO SODGRASS

General Description

There is a concern about invasive species throughout BC and this agronomic mixture was developed to address this concern. This mixture is the product of many people involved in the BC reclamation industry. It is desirable to include native species however there are no commercially available coastal species at this time. Pickseed has planned production for 2009 and will introduce native seed alternatives at that time.

Usage

To be used on roadsides or other areas where erosion control is a high concern and/or to help control the spread of invasive species.

Adaptations

- Drought resistant
- Winter hardy
- Elevations to 2100 meters
- Salt tolerant
- Rainfall over 50 cm annually

Mixture	By Weight	By Seed Count	
	65%	47%	Creeping Red Fescue
	10%	3%	Perennial Ryegrass
	5%	14.5%	Canada Bluegrass
	5%	29%	Red Top
	10%	3%	Single Cut Red Clover
	3%	2.5%	Alsike Clover
	2%	1%	Birdsfoot Trefoil

Limitations

Perennial ryegrass may be replaced with Fall Rye on steep applications

Seed Rate

60-100 kg/ha

**Mixture analysis is subject to change*

NATUREPRO BC COASTAL RECLAMATION

General Description

NaturePro BC Coastal Reclamation mix is a proven, quick-establishing, quality seed mixture for erosion control and ground covers on a wide variety of reclamation projects.

Usage

Broadly adaptable, this mix will establish on a variety of sites and act as a soil stabilizer.

Adaptations

- Fast establishment
- Winter hardy
- Elevations to 2500 meters
- Adapts to sandy loam through to heavier clay soils.
- Rainfall over 30 cm annually

Mixture	By Weight	By Seed Count	
	35%	15%	Annual Ryegrass
	21%	24.5%	Creeping Red Fescue
	15%	6.5%	Tall Fescue
	14%	34.5%	Timothy
	3%	3.5%	Orchardgrass
	1%	9.5%	Red Top
	10%	5%	Single Cut Red Clover
	1%	1.5%	Alsike Clover

Limitations

Can be cut occasionally but is not intended for, or graded as a turf mixture.

Seed Rate

60-100 kg/ha

**Mixture analysis is subject to change*

NATUREPRO BC ECONO RECLAMATION

General Description

NaturePro BC Econo Reclamation mix establishes rapidly and improves the site and soil through addition of nitrogen, organic matter and tilth.

Usage

Broadly adaptable, this mix will establish on a variety of sites and act as a soil stabilizer.

Adaptations

- Fast establishment
- Winter hardy
- Elevations to 2500 meters
- Adapts to sandy loam through to heavier clay soils.
- Rainfall over 30 cm annually

Mixture	By Weight	By Seed Count	
	50%	3.5%	Fall Rye
	17%	15%	Annual Ryegrass
	10%	24%	Creeping Red Fescue
	7%	6%	Tall Fescue
	8%	41%	Timothy
	7%	7.5%	Single Cut Red Clover
	1%	3%	Alsike Clover

Limitations

Fall Rye establishes quickly in the first year and produces a strong fibrous root system. The second year a tall seed stalk is produced and then the plant dies.

Seed Rate

80-100 kg/ha

**Mixture analysis is subject to change*

NATUREPRO BC INTERIOR RECLAMATION

General Description

NaturePro BC Interior Reclamation mix is a broadly adaptable mix for the interior and Boreal forest areas.

Usage

For use in the interior and northern BC

Adaptations

- Fast establishment
- Winter hardy
- Elevations to 2000 meters
- Adapts to sandy loam through to heavier clay soils.
- Rainfall over 50 cm annually
- Interior and northern BC, into Alberta and the Yukon
- Shade tolerant

Mixture	By Weight	By Seed Count	
	15%	7%	Crested Wheatgrass
	15%	21.5%	Hard Fescue
	20%	11.5%	Annual Ryegrass
	25%	39%	Creeping Red Fescue
	10%	6%	Tall Fescue
	8%	4.5%	Pickseed 3006 Creeping Alfalfa
	6%	4%	Single Cut Red Clover
	1%	6.5%	Canada Bluegrass

Limitations

Can be cut occasionally but is not intended for or graded as a lawn mixture.

Seed Rate

20-60 kg/ha

**Mixture analysis is subject to change*

NATUREPRO BC ROADSIDE

General Description

NaturePro BC Roadside mix is a proven, quick-establishing, quality seed mixture for roadside construction, deactivation, and landings throughout BC.

Usage

To be used on new road construction and all phases of forestry road construction and deactivation.

Adaptations

- Fast establishment
- Winter hardy
- Elevations to 2500 meters
- Adapts to sandy loam through to heavier clay soils.
- Rainfall over 30 cm annually

Mixture	By Weight	By Seed Count	
	35%	15.5%	Annual Ryegrass
	23%	27.5%	Creeping Red Fescue
	15%	6.5%	Tall Fescue
	15%	38.5%	Timothy
	1%	5%	Canada Bluegrass
	10%	5.5%	Single Cut Red Clover
	1%	1.5%	Alsike Clover

Limitations

Can be cut occasionally but is not intended for, or graded as a turf mixture.

Seed Rate

60-100 kg/ha

**Mixture analysis is subject to change*