



# PRODUCT GUIDE

EDITION 25







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# PROFESSIONAL

## All Purpose Sun and Shade Mix

This is Premier Pacific Seeds most popular grass seed mix and is ideal for professional lawns, parks and any location where attractive turf is required. It contains a mixture of high-performing ryegrass and fescue species.

**Seeding Rate** 3.5–4 kg per 100 sq m • 7–8 lb per 1,000 sq ft

## Low Maintenance Mix

The Low Maintenance Mix is a low growing option for areas that will not be fertilized or mowed often. The height of mature grass canopy will generally be below 24 inches. The Low Maintenance Mix has high drought tolerance and low fertility requirements making it useful for lawns, ground cover areas, and low angle slopes for erosion control.

**Seeding Rate** 1.5–2 kg per 100 sq m • 3.5–4.5 lb per 1,000 sq ft

## Chafer Resistant Mix

The Chafer Resistant Mix is formulated for new lawn seedings to combat chafer grub damage and drought conditions. This low-input mix utilizes deep-rooted, turf-type tall fescue and Microclover® to help resist turf damage. Microclover® provides nitrogen fixation, which eliminates the need for fertilizer. This blend allows for longer periods between irrigation.

**Seeding Rate** 4–6 kg per 100 sq m • 8–12 lb per 1,000 sq ft

## Drought Smart Mix

The Drought Smart Mix is comprised of very deeply-rooted, turf-type tall fescue and a small component of rhizomatous creeping red fescue to create a dense turf stand. It has superior disease resistance, drought and stress tolerance and will grow in both sun and shade conditions. The tall fescue will maintain a green colour in high-heat and drought conditions, making it an attractive choice in non-irrigated environments. This mix is intended for new lawn seedings, and once established can resist chafer grub damage.

**Seeding Rate** 4–6 kg per 100 sq m • 8–12 lb per 1000 sq ft

# TURFGRASS MIXES

## Ryegrass Overseed Blend

The Ryegrass Overseed Blend is used for overseeding of lawn, new sports fields and fairways, and the repair and rejuvenation of existing turf grass stands. Regular overseeding will thicken turf grass and naturally reduce the encroachment of weeds without the use of herbicides. This blend is comprised of wear-tolerant, quick-germinating perennial ryegrass varieties.

**Seeding Rate** 4–5 kg per 100 sq m • 8–10 lb per 1000 sq ft

## Quick Ryegrass Overseed Mix

Use Quick Ryegrass Overseed Mix for the rapid rejuvenation of sports fields and lawns. It contains turf-type annual ryegrass and Replicator-4N tetraploid perennial ryegrass that germinates faster under cooler temperatures compared to typical diploid perennial ryegrasses. This mix is an excellent option for early season overseeding or for extremely quick repair of damaged turf areas.

**Seeding Rate** 4–5 kg per 100 sq m • 8–10 lb per 1000 sq ft

## Sports Field Mix

The Sports Field Mix is designed for high-performance sports fields and heavy-traffic areas. It contains a high concentration of winter-hardy Kentucky bluegrass best suited to northern and interior BC.

**Seeding Rate** 2.5–5 kg per 100 sq m • 5–8 lb per 1,000 sq ft



# TURF VARIETIES

## **TetraDry 4N Perennial Ryegrass**

A new generation tetraploid perennial ryegrass with outstanding heat and drought tolerance. TetraDry 4N will maintain its green colour as well as tall fescue during high heat exposure and drought, making it more visually appealing than other ryegrass varieties.

## **Replicator 4N Perennial Ryegrass**

A tetraploid perennial ryegrass that has unrivaled wear tolerance, red thread resistance, and cool weather germination.



## **Thrive Perennial Ryegrass**

A dark green perennial ryegrass that combines disease resistance, tiller density, wear tolerance, and excellent turf quality even under lower fertility conditions.

## **Greenway Perennial Ryegrass**

A European variety with a bright green colour that blends well with existing *Poa annua*. Greenway is very winter active and has high shoot density for high competition with weeds.



## **Rhizing Moon Turf-Type Tall Fescue**

A dark green, spreading, high-density turf-type tall fescue with great turf quality and drought tolerance.



## **Quatro Sheep Fescue**

The lowest growing among turf grasses, requiring the least maintenance while maintaining a dark green colour with very fine leaf blades.

## **Longfellow 3 Chewings Fescue**

A rich green colour that blends well with perennial ryegrass and Kentucky bluegrass. It provides disease resistance, wear tolerance and performs well in both the heat and shade.



## **Mercury Kentucky Bluegrass**

A fast germinating, quick to establish turf grass that has the high shear strength needed for sports fields and sod production. It performs very well in the shade, and has good summer performance with very good heat and drought tolerance.



## **Jackrabbit Kentucky Bluegrass**

A fast germinating, quick to establish turf grass that is ideal for sod growers, sports fields, parks and lawns. A dark green grass that is wear-tolerant with excellent tillering capacity.



# LOW-INPUT SEED

## Microclover® Brand White Clover

Microclover® was developed for use in lawns. It grows in moist and shade conditions, provides nitrogen fixation and drought tolerance, which requires less fertilizer and longer periods between irrigation. To maintain its microstructure, Microclover® must be regularly mowed or it will grow to 6-7 inches tall. Coated: 50% seed, 50% coating.



4turf® is a class of tetraploid perennial ryegrass varieties, developed to be quick establishing, strong, deep-rooting and tolerant to stress. 4turf® is better able to withstand a range of stressful conditions, such as drought, cold, disease and wear.



Premier Pacific Seeds uses certified **Alliance For Low-Input Sustainable Turf (A-LIST)** varieties. A-LIST is a non-profit that serves to test, identify and promote grass varieties that combine high turf quality and low-input performance such as reduced water, chemical, and fertility.



**HEAT  
TOLERANCE**



**DECREASED  
WATER USE**



**REDUCED  
INPUTS**



**SUSTAINABLE  
VARIETY**

# CONSUMER TURF

Our Major League retail line offers premium seed mixtures in 1.36 kg, 2.27 kg and 11.34 kg (3 lb, 5 lb and 25 lb respectively) bag sizes.



## Major League Overseeding Blend

A fast establishing perennial ryegrass blend for overseeding of existing lawns and natural weed control.

## Major League Sun Mix

A mix of Kentucky bluegrass, perennial ryegrass and fescue to create a new lawn or turf area. This mix is well-suited for full sun in warm environments with drought resistance.

## Major League Sun & Shade Mix

A mix of perennial ryegrass with shade-tolerant creeping and chewing fescue to create a new lawn or turf area. This low maintenance mix is for sun and shade.

Our Premier Pacific Seeds exclusive retail line offers premium seed mixtures in a convenient 2 kg (4.4 lb) size.

## Envirolawn Mix

This low-input mix is an attractive, fine bladed mix of slow-growing fescue species. It is for lawns requiring high drought tolerance, low mowing frequency, and no fertilizer requirements.

## Drought Smart Mix

This drought-tolerant, disease-resistant mix is comprised of very deeply-rooted, turf-type tall fescue and a small component of creeping red fescue. This mix is intended for new lawn seedings, and once established can resist chafer grub damage.

## Chafer Resistant Lawn Seed

This tall fescue and Microcover® seed mix is formulated for new lawn seedings to resist chafer grub damage. Microcover® provides nitrogen fixation, which eliminates the need for fertilizer. This blend allows for longer periods between irrigation.





# CONSUMER FORAGE

Whether the need is overseeding a pasture, or making hay or silage, Premier Pacific Seeds has forage seed varieties that will provide optimum performance. The unique geography and micro-climates of BC require specially formulated forage blends. Available at select BC retail locations.

Our forage blends are formulated with the health of your animals in mind. They do not contain varieties that could produce a grass stand that is infected with fungal endophytes. Endophytes, which are an internal plant fungus, can produce bioactive compounds (alkaloids) that can be detrimental to grazing livestock. Tall fescue and perennial ryegrass pastures should be planted to endophyte-free or novel endophyte varieties only. Our forage blends can be sown with the confidence that animal health is always considered when blends are formulated for this purpose.



## Horse and Sheep Pasture Mix

A well-balanced, high-quality pasture mix for both horses and sheep in Coastal BC. This blend does not contain legumes which can be added on request.

Species	% Weight
Tall Fescue (Zero Endophyte)	25%
Tetraploid Perennial Ryegrass	25%
Creeping Red Fescue	20%
Orchardgrass	15%
Timothy	10%
Kentucky Bluegrass	5%

**Seeding Rate 33.6-50 kg per hectare • 30 - 44 lb per acre**

## Hay and Forage Mix

A premium quality blend of tall fescue and orchardgrass is suitable for pasture, hay or silage.

Species	% Weight
Tall Fescue (Zero Endophyte)	70%
Orchardgrass	30%

**Seeding Rate 33.6-50 kg per hectare • 30 - 44 lb per acre**



# RECLAMATION

## 100% Native Riparian Mix

The 100% Native Riparian mix is used by many South Coast municipalities for land and soil disturbances where quick establishment and tolerance to high soil moisture are required. The species contained in this mix are native to coastal British Columbia.

Species	% Weight
Hordeum brachyantherum, Meadow Barley	41%
Bromus marginatus, Mountain Brome	40%
Festuca rubra, Native Red Fescue	15%
Deschampsia cespitosa, Tufted Hairgrass	3%
Agrostis exarata, Spike Bentgrass	1%

**Seeding Rate** 30 kg per hectare • 27 lb per acre

## Premier Coastal Revegetation Mix

Developed for the south coast and Vancouver Island areas, where vegetation establishment for slope stabilization and strong erosion control are needed due to high annual precipitation. Diversity of species makes it adaptable to varying sites.

Species	% Seed Count	% Weight
Creeping Red Fescue	24%	22.5%
Perennial Ryegrass	12%	20%
Annual Ryegrass	13%	25%
Orchardgrass	6%	5%
Red Top	11%	0.5%
Tall Fescue	5%	10%
Timothy	15%	5%
White Clover	3%	2%
Alsike Clover	8%	5%
Single Cut Red Clover	3%	5%

**Seeding Rate** 56-112 kg per hectare • 50-100 lb per acre

# RECLAMATION

## Premier Roadside Erosion Mix

Created for slope stabilization and low growing vegetation establishment. Ideally used in ditches, roadsides, or sites requiring long term erosion control.

Species	% Seed Count	% Weight
Creeping Red Fescue	34%	25%
Annual Ryegrass	21%	32%
Perennial Ryegrass	20%	27%
Hard Fescue	11%	6%
Alsike Clover	10%	5%
Single Cut Red Clover	4%	5%

**Seeding Rate** 56-112 kg per hectare • 50-100 lb per acre

## Premier Quick Grow Reclamation Mix

An extremely quick vegetation cover and short-term erosion control. This mix can germinate in cool temperatures and is ideal for early spring and late fall seedings.

Species	% Seed Count	% Weight
Annual Ryegrass	15%	15%
Perennial Ryegrass	14%	12%
Creeping Red Fescue	21.5%	10%
Timothy	29%	5%
Alsike Clover	10%	3%
Single Cut Red Clover	6.5%	5%
Fall Rye	4%	50%

**Seeding Rate** 112- 168 kg per hectare • 100-150 lb per acre

\*Premier Pacific Seeds custom blends all MOTI mixes. Please call for more details.



# BC MINISTRY OF TRANSPORTATION

## BC MOTI Vancouver Island/Coast Mix

The Vancouver Island/Coast Mix is for coastal locations where the average annual precipitation is greater than 900 mm. This mix is commonly specified for use on government transportation infrastructure projects.

Species	% Weight
Perennial Ryegrass	37%
Creeping Red Fescue	29%
Hard Fescue	17%
Timothy	9%
Canada Bluegrass	5%
Red Top	3%

Seeding Rate 75 kg per hectare

## BC MOTI Interior Forestland Mix

The Interior Forestland Mix is ideal for use inland where the average annual precipitation is greater than 500 mm.

Species	% Weight
Intermediate Wheatgrass	50%
Perennial Ryegrass	22%
Hard Fescue	13%
Annual Ryegrass	11%
Canada Bluegrass	3%
Red Top	1%

Seeding Rate 75 kg per hectare

## BC MOTI Interior Dryland Mix

The Interior Dryland Mix is ideal for use inland where the average annual precipitation is less than 300 mm.

Species	% Weight
Crested Wheatgrass	40%
Tall Wheatgrass	25%
Slender Wheatgrass	20%
Hard Fescue	15%

Seeding Rate 75 kg per hectare

\*Premier Pacific Seeds custom blends all MOTI mixes. Please call for more details.







# RAINIER WOOD FIBER MULCH PRODUCTS

## Rainier Fiber™ Premium Wood

Rainier Fiber™ Premium wood fiber mulch is 100% virgin wood fiber mulch. The fiber is consistent in size and texture for optimum performance.

## Rainier Fiber™ Plus Tackifier

Rainier Fiber™ Plus Tackifier is 100% virgin wood fiber mulch for use in hydraulic planting with the extra holding power of a tackifier.

## Rainier Fiber™ BFM

Rainier Fiber™ Bonded Fiber Matrix consists of long strand virgin wood fibers and a high strength, non-toxic, hydrocolloid-based binder giving it extra holding power for up to 12 months.

## Rainier Supreme™

Rainier Supreme™ is the top rated wood fiber mulch from Rainier. Its superior strength comes from the addition of a special formulated high-strength, non-toxic, cross-linked organic binder.

## Application Rate

2,020 kg/ha on flat to 4H:1V slopes.  
For 3H:1V slopes use a heavier application

2,020 kg/ha on flat to 5H:1V slopes.  
For 4H:1V slopes use a heavier application

3,363 kg/ha -- 2H: 1V slopes.  
3,700 to 4,484 kg/ha – slopes steeper than 2H: 1V

4H:1V or less 2,242 kg/ha  
4H:1V to 3H:1V 2,466 to 2,800 kg/ha  
3H:1V to 2.5H:1V 2,800 to 3,363 kg/ha  
2.5H:1V to 2H:1V 3,700 to 3,925 kg/ha  
1H:1V & steeper 3,925 to 4,485 kg/ha



# HYDRAULIC EROSION CONTROL PRODUCTS

## Verdyol Biotic Earth™

### Soil Amendment

Verdyol Biotic Earth™ is an hydraulically-applied topsoil or compost alternative, or where existing soils are less than ideal. Verdyol Biotic Earth™ accelerates the nutrient cycling and soil building processes to establish permanent vegetation. It is made with Canadian sphagnum peat moss, natural fibers, mycorrhizal fungi, beneficial bacteria, and natural growth stimulants to allow vegetation to thrive.

## Premier Super Tackifier

Premier Super Tackifier is a water soluble tackifier product that promotes erosion control and decreases soil sealing by binding soil particles. It is a high grade product that reduces seed, fertilizer, and soil losses that could hinder vegetation establishment on site.

## CoverGrow™

A dry pelletized mulch product consisting of recycled wood and cellulose fibers, designed to be applied by hand, spreader, or jet agitation hydroseeders.

# FERTILIZERS

	<b>Application Rate</b>	<b>Size</b>
6-6-36 + 6S-50% N-Dure • Fall Feeder	2.2 kg per 100 sq m	25 kg
16-32-8 + 1S-50% N-Dure • Starter	1.6 kg per 100 sq m	25 kg
18-18-18 + 1S-50% N-Dure • All season	2.7 kg per 100 sq m	25 kg
22-11-11 + 7S-50% N-Dure (special order)	2.25 kg per 100 sq m	25 kg
23-3-23 + 2S-50% N-Dure • Summer	2.2 kg per 100 sq m	25 kg
28-4-12 + 4S-1Fe-60% N-Dure • Spring/Summer	2.15 kg per 100 sq m	25 kg
32-4-8 + 4S-40% N-Dure • Summer	1.57 kg per 100 sq m	25 kg
9-3-6+13.5% Iron Moss Control	2.19 kg per 100 sq m	20 kg
Dolopril Lime (Prilled)	7.3-12 kg per 100 sq m	22.7 kg

# CLAY PRODUCTS

Premier Pacific Seeds carries the following Turface clay products: Turface MVP, Professional Mound Clay, Quick Dry Pro League Elite (Red), and Moundmaster Bricks (Red). Please see our website for more information.

# WILDFLOWERS

## Coastal Wildflower Mix

Formulated with the northwest in mind. The mix is made up of 23 species: 55% annual and 45% perennial. The first year will be a great show of color with the annuals and the succeeding years the perennials/biennials will be established to add to the magnificent color show. Mix height: approximately 30 - 36 inches.

**Seeding Rate** 454 grams per 660 sq m • 1 lb per 7,100 sq ft

## Dryland Wildflower Mix

Includes 25 individual species designed to flourish in drier climates or areas that do not get moisture on a regular basis. The mix is made up of 55% annuals and 45% perennials/biennials to give a wide variety of colorful flowers for the first season as well as following years. Mix height: approximately 36 - 48 inches.

**Seeding Rate** 454 grams per 900 sq m • 1 lb per 9,700 sq ft

## Mountain Wildflower Mix

Formulated for the mountain areas of the pacific northwest. Many of these varieties thrive at higher elevations with limited moisture. This mix consists of 17 species: 40% annuals and 60% perennials/biennials which means the mix will give color the first year and prosper for years. Many of these varieties do very well in higher elevations with limited moisture. Mix height: approximately 36 - 48 inches.

**Seeding Rate** 454 grams per 500 sq m • 1 lb per 5,400 sq ft

## All Perennial Wildflower Mix

Consists of 14 perennial species that will provide many colors for years of enjoyment. When fall planted, the flowers will blossom the following spring. When spring planted, if the conditions are right, there will be some flowering but most will not flower until the following spring. The advantage of spring or summer planting is that the plants have a well established root system for the following spring. Mix height: approximately 36-70 inches.

**Seeding Rate** 454 grams per 380 sq m • 1 lb per 4,100 sq ft

## All Annual Wildflower Mix

Contains 23 annual species designed to provide wildflowers for one year. It is ideal for overseeding mixed beds where the annuals have not re-seeded themselves or to rejuvenate a bed that has gone "flat." The seeds are all annuals and will bloom the first year. In some conditions, they may re-seed themselves if the bed is carried over another year. Mix height: approximately 6-35 inches.

**Seeding Rate** 454 grams per 370 sq m • 1 lb per 4,000 sq ft



Our wildflower mixes are comprised of flower species that are native or naturalized to BC climates including dryland, coastal, interior, and mountain areas. The wildflower mixes typically contain part annual species that bloom in the year of planting and perennial species that bloom the year after seeding. Please be responsible when introducing new species to areas near ecologically sensitive environments.

### Low Grow Wildflower Mix

Formulated with 20 beautiful species that have longer flowering periods and low growing characteristics. This mix consists of 20 species: 75% annuals and 25% perennials. It is ideal for an area where a shorter growing flower bed are wanted. Mix height: approximately 18 - 24 inches.

**Seeding Rate** 454 grams per 510 sq m • 1 lb per 5,500 sq ft

### Coastal Pollinator Wildflower Mix

Created with specific flowers that attract native bees, bumble bees and other beneficial insects with its nectar and pollen-rich flowers. This mix consists of 14 introduced and native coastal species with 60% annuals and 40% perennials that bloom from mid-spring into fall. Mix height: approximately 19-78 inches.

**Seeding Rate** 454 grams per 290 sq m • 1 lb per 3,100 sq ft

### Interior Pollinator Wildflower Mix

Created with specific flowers that attract native bees, bumble bees and other beneficial insects with its nectar and pollen-rich flowers. Consists of 15 introduced and native interior species: 60% annuals and 40% perennials that bloom from mid-spring into fall. Mix height: approximately 4-59 inches.

**Seeding Rate** 454 grams per 250 sq m • 1 lb per 2,700 sq ft

### Bee Friendly Flowering Mix (includes 86% grass species)

This natural looking lawn mix is designed to attract bees and other beneficial insects. This mix includes 86% grass species, 8% wildflowers, 5% strawberry clover, and 1% microclover.

**Seeding Rate** 454 grams per 31 sq m • 1 lb per 333 sq ft



# BC NATIVE GRASSES

Name	Growth Form	Height Range	Erosion Control	B.C. Provenance
<b>Agrostis exarata</b> <i>Spike Bentgrass</i>	Bunchgrass	30–120 cm	Excellent	Coastal and interior; limited to moist sites in the interior.
<b>Agrostis scabra</b> <i>Hair Bentgrass</i>	Bunchgrass	20–50 cm	Poor	Coastal and interior; low to mid elevations.
<b>Bromus ciliatus</b> <i>Fringed Brome</i>	Bunchgrass	70–120 cm	Very Good	Interior mid to sub-alpine.
<b>Bromus marginatus</b> <i>Mountain Brome</i>	Bunchgrass	60–120 cm	Very Good	Coastal and interior; low to mid elevations.
<b>Bromus sitchensis</b> <i>Alaska Brome</i>	Bunchgrass	50–180 cm	Very Good	Primarily coastal from sea level to subalpine elevations.
<b>Calamagrostis canadensis</b> <i>Bluejoint Reedgrass</i>	Rhizomatous	to 150 cm	Very Good	Coastal and interior; low to high elevations; limited to moist sites.
<b>Danthonia californica</b> <i>California Oatgrass</i>	Bunchgrass	30–100 cm	Good	Coastal and interior south half of province; low to mid elevations.
<b>Deschampsia caespitosa</b> <i>Tufted Hairgrass</i>	Bunchgrass	20–120 cm	Good	Coastal and interior.
<b>Deschampsia elongata</b> <i>Slender Hairgrass</i>	Bunchgrass	25–80 cm	Good	Coastal and interior south half of province.
<b>Elymus canadensis</b> <i>Canada Wildrye</i>	Bunchgrass	60–150 cm	Excellent	Interior.
<b>Elymus glaucus</b> <i>Blue Wildrye</i>	Bunchgrass	50–150 cm	Excellent	Coastal and interior; low to mid elevations.
<b>Elymus lanceolatus</b> <i>Northern Wheatgrass/ Streambank Wheatgrass</i>	Rhizomatous	30–80 cm	Excellent	Interior.
<b>Elymus trachycaulus</b> <i>Slender Wheatgrass</i>	Bunchgrass	60–120 cm	Very Good	Southern Interior; occasionally in northern regions.
<b>Festuca idahoensis roemerii</b> <i>Roemer's Fescue</i>	Bunchgrass	30–90 cm	Good	Coastal.
<b>Festuca idahoensis</b> <i>Idaho Fescue</i>	Bunchgrass	30–90 cm	Good	Southern interior; low to subalpine.
<b>Festuca occidentalis</b> <i>Western Fescue</i>	Bunchgrass	25–70 cm	Good	Coastal and interior; low to mid elevations.
<b>Festuca rubra ssp pruinosa</b> <i>Native Red Fescue</i>	Rhizomatous	20–60 cm	Very Good	South coast in low elevations.

## Ecology and Notes

Occurs in a variety of habitats including forest openings, grasslands, wet meadows, freshwater and high tidal marshes, along streams, rocky beaches, and lake margins. It is most common in moist, open places.

Dry to wet clearings, rocky slopes and gravelly river bars. Also called ticklegrass and rough hairgrass.

Moist forests, meadows and wetlands.

Syn. California brome (*B. carinatus*). Grows in open woods and moist meadows.

Occurs in moist meadows and open forests. Also common on streambanks and beaches in rocky, sandy soil. Also known as sitka brome.

Easy establishment. Adapted to wetland and riparian sites. Pinegrass (*Calamagrostis rubescens*) is a similar species however since it rarely forms seed heads commercial availability of seed is also rare.

Sandy and rocky ridges, coastal meadows and shorelines.

Common throughout most regions in moist meadows, on slough margins and in boggy areas.

Open forests, stream banks, shorelines, clearings, meadows, grasslands, marshes and floodplains.

Found in moist to dry sandy riverbars, gravelly meadows, woodlands, grasslands, shorelines and dunes.

Rapid establishment. Relatively short lived. Attractive blue-green foliage. Common to moist open forests and clearings.

Drought tolerant but most common in moist grasslands. Long lived. Especially suited for stabilizing highly erosive silty to sandy soils. Tolerates periodic flooding. Also known as thickspike.

Moderate drought tolerance. Rapid establishment with dense fibrous roots. Short lived in driest regions.

Moderately dry to moist clearings and meadows. Requires good soil drainage.

Adapted to dry habitats primarily rocky slopes and clearings. Interior grasslands.

Dry to moist open forests and clearings.

This species does not occur inland and is limited to the South Coast of BC including beaches, meadows and streambanks. Also known as rock fescue.

# BC NATIVE GRASSES

Name	Growth Form	Height Range	Erosion Control	B.C. Provenance
<b>Festuca saximontana</b> <i>Rocky Mountain Fescue</i>	Bunchgrass	25–50 cm	Good	Interior mid to high elevations.
<b>Festuca scabrella</b> <i>Rough Fescue</i>	Bunchgrass	60–100 cm	Good	South interior; low to mid elevations.
<b>Hordeum brachyantherum</b> <i>Meadow Barley</i>	Bunchgrass	40–100 cm	Good	Coastal grass most common in maritime environments.
<b>Koeleria cristata</b> <i>Prairie Junegrass</i>	Bunchgrass	20–50 cm	Good	Interior; low to high elevations.
<b>Pascopyrum smithii</b> <i>Western Wheatgrass</i>	Rhizomatous	60–90 cm	Very Good	Interior.
<b>Poa alpina</b> <i>Alpine Bluegrass</i>	Bunchgrass	5–30 cm	Good	Interior; higher elevations.
<b>Poa palustris</b> <i>Fowl Bluegrass</i>	Bunchgrass	40–120 cm	Very Good	Coastal and interior; low to mid elevations.
<b>Poa secunda</b> <i>Sandberg Bluegrass</i>	Bunchgrass	15–120 cm	Poor	Southern interior; low to mid elevations.
<b>Pseudoroegneria spicata</b> <i>Bluebunch Wheatgrass</i>	Bunchgrass	60–100 cm	Good	Interior; low to mid elevations.
<b>Sporobolus cryptandus</b> <i>Sand Dropseed</i>	Bunchgrass	30–70 cm	Very Good	Interior; low elevations.
<b>Trisetum spicatum</b> <i>Spike Trisetum</i>	Bunchgrass	15 - 65 cm	Poor	Coastal and Interior, low to high elevation in northern areas. High elevation in the southern areas.

## 100% Native Riparian Mix

The 100% Native Riparian mix is used by many South Coast municipalities for and soil disturbances where quick establishment and tolerance to high soil moisture are required. The species contained in this mix are native to coastal British Columbia.

Species	% Weight
Hordeum brachyantherum, Meadow Barley	41%
Bromus marginatus, Mountain Brome	40%
Festuca rubra, Native Red Fescue	15%
Deschampsia cespitosa, Tufted Hairgrass	3%
Agrostis exarata, Spike Bentgrass	1%

**Seeding Rate** 30 kg per hectare • 27 lb per acre

\*Species subject to change based on availability



## Ecology and Notes

Dry grasslands and open forests. Absent from moist sites.

Dry to moist open forests and grasslands.

Tidal marshes and freshwater wetland. Rapid development makes this a valuable grass for soil stabilization.

Prefers well drained grasslands and open forests. One of the most common grassland species.

Drought tolerant and long lived. Prefers well drained bottom lands and can withstand flooding. Tolerant of saline or alkaline sites. Also known as bluejoint.

Open subalpine meadows and rocky slopes.

This species is described as both native and introduced from Eurasia. Very common in wetlands, sloughs, moist forests and shores.

Common in low elevation grasslands, dry slopes and clay flats. Intolerant of high water tables or poor drainage.

Drought tolerant. Widely adapted interior grass. Common to grasslands and dry open forests.

Drought tolerant. Sandy, gravelly soil in association with Bluebunch Wheatgrass. Seed can have a high rate of dormancy.

Widespread throughout the province. Dry rocky open areas. Rocky slopes.



**Elymus canadensis**  
*Canada Wildrye*

# BC NATIVE FORBS

Name	Height of growth	Erosion control	B.C. Provenance
<b>Achillea millefolium occidentale</b> <i>Western Yarrow</i>	up to 100 cm	N/A	Widely distributed.
<b>Anaphalis margaritacea</b> <i>Pearly Everlasting</i>	up to 100 cm	N/A	Widely distributed; low elevation to sub-alpine.
<b>Balsamorhiza sagittata</b> <i>Arrowleaf Balsamroot</i>	20–80 cm	N/A	Southern Interior; low to sub-alpine.
<b>Epilobium angustifolium</b> <i>Fireweed</i>	1–3 m	N/A	Coastal and interior; low to high elevation.
<b>Gaillardia aristata</b> <i>Brown-eyed Susan</i>	20–70 cm	N/A	Southern interior; low to mid elevation.
<b>Grindelia stricta</b> <i>Gumweed</i>	15–80 cm	N/A	South coast; sea level.
<b>Lupinus arcticus</b> <i>Arctic Lupine syn L. latifolius var. subalpinus</i>	20–60 cm	N/A	Coastal and interior; mid to high elevation.
<b>Lupinus polyphyllus</b> <i>Large Leaved Lupine</i>	1.5 m	N/A	Coastal and interior; low to mid elevation.
<b>Lupinus sericeus</b> <i>Silky Lupine</i>	30–70 cm	N/A	Southern interior; low to mid elevations.
<b>Linum lewisii</b> <i>Lewis Flax</i>	10–60 cm	N/A	Interior; low elevation to sub-alpine.
<b>Symphyotrichum subspicatum</b> <i>Douglas Aster</i>	20–80 cm	N/A	Primarily coastal.
<b>Trifolium wormskioldii</b> <i>Springbank Clover</i>	10–80 cm	Good	Coastal.



## Ecology and Notes

Adapted to dry marginal soil but also moist meadows. Very small seeded. Not to be confused with common yarrow.

Common on open disturbed sites. Considered weedy in some ecologies.

Dry grasslands and open forest. Mid to high elevation.

Open areas and clearings.

Dry grasslands.

Beaches and roadsides.

Meadows and open forest.

Moist meadows, streambanks and open forest.

Dry open grasslands.

Meadows and open forest.

Meadows, streambanks and open forest.

Beaches, meadows, marshes and streambanks. Moist to wet sites.

## Epilobium angustifolium

*Fireweed*



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