

Revegetation Mixes	Growing Area	Drought Tolerance	Flooding Tolerance	Quick Cover	Slope Stabilization	Broadcast Seeding Rate (lb/acre)	Comments
Rapid Grow/Slope Stabilizer	I,C	Low-Moderate	Moderate-High	E	E	100-150	Quick establishing for a well balanced, long-term ground cover for general seeding.
Premium Roadside	I,C	Moderate-High	Moderate-High	G	E	50-100	Strongly creeping grasses for slope/bank stabilization with a high amount of legumes for soil improvement and self sustainment.
Roadside	I,C	Moderate	Low-Moderate	G	E	50-100	A low maintenance blend of grass and clover for the side of roads or deactivated road areas and landings.
Flowering Roadside	I,C	Moderate	Moderate	G	E	50-100	A low maintenance blend with all the features of our Roadside Mixture, plus the beauty of wildflowers.
Low-Growing	I,C	High	Low-Moderate	F	G	50-100	Adaptable to a wide range of environmental conditions. In addition, this blend will persist through most growing regions.
Native Grass	I,C	Moderate-High	Low-Moderate	F	G	25-50	Adaptable to a wide range of environmental conditions. Winterhardy and able to tolerate both semi-wet to more arid applications.
Riparian/Wetland	I,C	Moderate	Very High	G	F	50-100	Designed for use in riparian zones as well as areas that might experience temporary water-logged conditions.
High Elevation	I,C	High	Low-Moderate	F	G	25-50	Comprised largely of native species and designed for areas at high elevations or where high altitude species are required.
Coastal General	C	Low-Moderate	Moderate	G	G	50-100	A multi-purpose mixture adapted to most soils and climates.
Interior General	I	Moderate	Low-Moderate	F	E	50-100	A broad-spectrum mixture suited to the Interior/North-Central regions.

I=Interior BC C=Coastal BC
E=Excellent G=Good F=Fair

HOW TO SEED OR OVERSEED FOR REVEGETATION/RECLAMATION:

Site Preparation

The best time to seed is in spring and fall. Avoid seeding in the heat of summer or when in danger of frost. Consistent soil temperatures should be about 8-10 degrees Celsius (or when daytime temperatures reach 15-20 degrees C).

Tillage may be performed, however, disturbing the soil or the spreading of additional top soil provides the stimulus for the germination of weed seeds that are already present, which will compete and may threaten the survival of the intended seed mix. If tillage or spreading topsoil is necessary for site preparation, be sure the resulting seed bed is firm and fine. If possible, three to four weeks prior to sowing, eliminate any weeds which emerge following tillage by performing repeated cultivation or by using an herbicide. Always follow the instructions on the chemical label.

Seeding, Establishment and Maintenance

Seed can be hand-sown and may be raked or rolled in, but buried no deeper than one-eighth inch. On large areas, seed can be drilled to a maximum depth of one quarter inch, mechanically seeded, or hydroseeded with a mulching fibre. Be sure the seed makes firm contact with the soil.

Some seedlings appear in two weeks whereas others may take up to four weeks. Seed requires ample moisture to germinate; best results are achieved when the seed bed is kept moist for four to six weeks. In non-irrigated areas, plant in anticipation of the seasonal rains and supplemental irrigation may be required in dry seasons. Management of the stand may consist of one mowing in the late fall when most species set seed.

If seed is not sown at once, store it in a dry place where there is relatively no temperature change. Seed viability varies from species to species, but in general seed will maintain its germination quality for at least one year.

Richardson Seed has been supplying top quality seed to the reclamation industry since 1976. Combining cutting-edge research with years of experience, Richardson Seed strives to offer seed mixes of the highest standard.



(produced by TerraLink Horticulture Inc.)

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Revegetation

**Revegetation Mixes
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