

NRCS Seed Recommendations for Immediate Post Fire Seeding Westside Erosion and Weed Control

For more information contact the Marion Soil and Water Conservation District
at 503-391-9927 or office@marionswcd.net

The following are broadcast Pure Live Seed rates (Pure Live Seed = % Purity multiplied by the % Germination. % purity and % germination will be on the seed tags. All seed should come with a seed tag.

Native species - Use only plant materials with germplasm from the eco-region and within 500 feet elevation of the planting area.

Site Preparation - These recommendations are contingent on what is feasible: If the soil surface is not already rough, it is best to rake/harrow or roughen the soil surface prior to broadcast seeding. If ash is present, rake down to mineral soil to place seed. Following broadcast seeding, then rake/harrow or roll the soil surface. This will help place the seed in contact with the soil and result in better germination and establishment. Seeds require moisture and warm enough temperatures to germinate.

Seeding rates can be variable depending on site conditions as a rule of thumb: use more seed if there will be no mulch cover and/or if on steeper slopes.

For further guidance on pasture and hayland seeding visit the following link - [Pasture and Hayland Renovation for Western Washington and Oregon](#).

Pasture/Low-land Rural Ground (non-native)

- Perennial ryegrass 20-30 Pounds Per Acre
- Tall Fescue (endophyte-free if placed on grazing lands) 15-30 Pounds Per Acre
- Orchard grass 08-16 Pounds Per Acre

or a combination of two or all three of these species in a mix (mixed pasture compositions require more complex grazing management).

Forest (native mix)

- **(native)** Blue wildrye (*Elymus glaucus*) 10-20 Pounds Per Acre
- **(native)** California or Sitka Brome 10-20 Pounds Per Acre
- OR 50% of each

California or Sitka brome should not be seeded adjacent to grass seed production fields, as a Good Neighbor policy, plants/seeds are hard to clean from production fields.

Roadcuts, Road fill, etc. areas

- Annual ryegrass - non-forest & non-native vegetated areas 30-50 Pounds/Acre
- **(native)** Blue wildrye (*Elymus glaucus*) forest & native areas 15-20 Pounds/Acre

Emergency stabilization

Emergency stabilization annuals, if at all possible, should be mowed in late spring prior to seed production if you don't want these species to persist on site.

- Annual ryegrass 30-50 Pounds/Acre
- Winter wheat 60-150 Pounds/Acre
- Regreen (sterile hybrid between annual wheat and perennial wheat) 20-40 Pounds/Acre
- Quick Guard (sterile hybrid between wheat and rye) 08-15 Pounds/Acre

Potentially suitable additional/alternate species to include in mixes

This is not a comprehensive list, there may be suitable species for your specific location/project. Discuss alternate species with a conservation specialist at the Marion Soil and Water Conservation District. Call 503-391-9927 or email office@marionswcd.net. If NRCS will be assisting in project costs, please consult with local NRCS representative prior to purchase and use.

Native Grasses

- Spike bentgrass (*Agrostis exarata*)
- California oatgrass (*Danthonia californica*)
- Annual hairgrass (*Deschampsia danthonioides*)
- Slender hairgrass (*Deschampsia elongata*)
- Slender wheatgrass (*Elymus trachycaulus*)
- Roemer's fescue (*Festuca roemerii*)

Native Forbs

- Western yarrow (*Achillea millefolium* var. *occidentalis*)
- Riverbank lupine (*Lupinus rivularis*)
- Self-heal (*Prunella vulgare* var. *lanceolata*)

Non-Native Grasses for Pastures/Lowland Acres, Roadsides

- Red Fescue (*Festuca rubra*)

Non-Native Forbs for Pastures/Lowland Acres

- White clover

References. Please Refer to these plant guide links for further species information:

Non-native Perennial Grasses:

- [Orchard grass - *Dactylis glomerata*](#)
- [Tall fescue - *Lolium arundinaceum*](#)
- [Perennial ryegrass - *Lolium perenne* ssp. *perenne*](#)

Non-native Annual Grasses:

- [Italian/Annual ryegrass - *Lolium perenne* L. ssp. *multiflorum*](#)
- [Winter wheat – *Triticum aestivum*](#)

Native Grasses:

- [Blue wildrye - *Elymus glaucus*](#)
- [California/Sitka Brome - *Bromus carinatus*](#)