Henderson Ridge Germplasm red fescue
*Festuca rubra*
Selected Class Release “Natural”

**Uses:** Revegetation
Coastal and Southcentral Alaska

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**Background Information**

Red fescue is an aggressive grass. It is found throughout Alaska in meadows, slopes, and boundary areas.

This species is very winter hardy.

Red fescue is a colonizer of disturbed areas. It provides long-term stabilization as well. It needs little maintenance, establishes quickly, and survives for many years.

*Festuca rubra* may out-compete other native grasses due to its tenacious attributes.

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**Growth**

*Festuca rubra* has long rhizomes which enables it to compete with weeds and stabilize banks.

*Festuca rubra* is a sod forming grass. Its leaves are bright green, wiry, and narrow. Its longevity is about 10 years.

Red fescue can survive frequent mowing or clipping. This is due in part to its creeping growth form.

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**Distribution**

*Festuca rubra* is native to Alaska and can be found in moist or sandy areas.

(Hultén, 1968).

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**Henderson Ridge Germplasm red fescue**

Plant Identification Number: 9097728

Henderson Ridge Germplasm red fescue was collected on the Island of Attu in the Aleutians, Alaska, in 1993 by Stoney Wright (Wright, 2005).

This native grass is a Selected Class Release by the Alaska Plant Materials Center (PMC). This means it has been grown and harvested at the PMC and continues to preserve its excellent performance.

This grass is recommended for use in revegetation because its seedlings are vigorous and provide good initial plant cover.

Henderson Ridge is tolerant of many kinds of sites. Fast growing from seed, it merits inclusion in revegetation seed mixes.

Henderson Ridge Germplasm red fescue forms turf adapted to a wide range of conditions. It tolerates flooding and foot traffic. It forms sod and can be closely clipped (Hodgson, et al. 1978).

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**Alaska Plant Materials Center**

Serving Alaska’s needs in production of Alaska native plants

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**July 17, 2007**
**Henderson Ridge Germplasm red fescue**

**for Alaska Revegetation Purposes**

In coastal and southcentral Alaska, Henderson Ridge Germplasm can be used for revegetating mines and highways, as well as other similar sites. It can be used for lawns and golf courses. It will tolerate direct sun and shade; in cold and/or hot; in dry and moist; and in a broad range of pH.

In most seed mixes for Alaska soils, specifications call for ‘Arctared’ red fescue to be 20 to 25 percent per mixture (DOT, 2001). In coastal revegetation projects, Henderson Ridge Germplasm can be substituted for ‘Arctared’ and will probably grow better since it is originally from the Aleutians.

**To Produce Henderson Ridge Germplasm red fescue**

Conventional farm equipment is needed. New seedings have rapid seed germination and excellent seedling vigor.

Cultural practices of control of weeds and regular irrigation enable good field performance. Seeds are fully mature and ready for harvest in early September.

Henderson Ridge Germplasm grows best on medium textured soils. It is tolerant of temperatures as low as -43 degrees F. It is also tolerant of fire (USDA, NRCS, 2004).

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**References**


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**Festuca rubra seed**

~245,185 seeds per pound

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**Henderson Ridge Germplasm red fescue in field production at the Plant Materials Center, Palmer, AK.**

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**Henderson Ridge Germplasm red fescue plant characteristics**

- Wetness Tolerance: fair
- Acidity Tolerance: good
- Seedling Vigor: very good
- Yield Potential: moderate
- Longevity: long
- Seed Production: moderate
- Drought Resistance: good
- Winter Hardiness: high
- Palatability: fair

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