STATE OF ALASKA

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Notice of Release of Pre-Certified Selected Class Germplasm of Native Plants for Commercial Production and Use in Alaska. 2005 Grouping of Accessions.

The Alaska Plant Materials Center, a section of the Division of Agriculture, Department of Natural Resources, State of Alaska is pleased to announce the release for commercial production the following native plant collections or ecovars. These materials are derived from seed collected in Alaska during the past 14 years. There has been no attempt to either modify the genetic base or intentionally select traits during the evaluation or increase process. This material has been kept as true to the initial state as possible.

The evaluation process was restricted to the collections' (accessions') ability to survive, grow and thrive under standard field crop cultivation practices and the collections' ability to produce seed in sufficient quantity and in a manner to facilitate commercial harvest with standard agricultural harvest equipment. Performance within their natural ranges is expected to be similar plants of the same species growing under natural conditions.

Production of progeny seed from the parent seed obtained from the Alaska Plant Materials Center will be restricted to one additional generation. Any seed produced beyond the single generation will not be considered the site designated germplasm listed in this document. Trueness to the parent material is not guaranteed, nor is hardiness, if produced in an area other than Alaska. Commercial production of the listed ecovars will be restricted to Alaska for a period of six years starting July 1, 2007. After that period, if no commercial production is initiated in Alaska, parent material will be released for commercial production in other regions.

The pre-certified class release method was used for these collections because of the limited market and specific intended area of use. Selected class was viewed as being the most efficient category for the industry and the Alaska Plant Materials Center. These releases also carry the designation "Natural" meaning there has been no intentional attempt to alter the wild or natural genetic base or in any way attempt to agronomically domesticate the collections. Any selection pressure has been purely unintentional and a result of standard crop production practices.

All the plant materials listed in this document are being released for end uses other than forage. Forage evaluation is not presently a mission of the Alaska Plant Materials Center. The appended introduction flyers are simply an initial introduction of the releases to the public and the people reading this document.

Released for commercial seed (in two cases viviparous plantlets) production as Selected Class Pre-certified Germplasm seed are:

Adak Germplasm arctic bluegrass (viviparous form), *Poa arctica,* Selected Class "Natural"

Andrew Bay Germplasm large-glume bluegrass, *Poa macrocalyx,* Selected Class "Natural"

Casco Cove Germplasm beach lovage, *Ligusticum scoticum*, Selected Class "Natural"

Clam Lagoon Germplasm beach fleabane, *Senecio pseudo-arnica,* Selected Class "Natural"

Henderson Ridge Germplasm red fescue, *Festuca rubra,* Selected Class "Natural"

Kotzebue Germplasm arctic wild chamomile, *Tripleurospermum martima,* Selected Class "Natural"

Lowell Point Germplasm meadow barley, *Hordeum brachyantherum,* Selected Class "Natural"

Nelchina Germplasm spike trisetum, *Trisetum spicatum,* Selected Class "Natural"

Solomon Germplasm thickspike wheatgrass, *Elymus macrourus (Agropyron macrourum),* Selected Class "Natural"

Teller Germplasm alpine bluegrass, *Poa alpina,* Selected Class "Natural"

Tin City Germplasm arctic bluegrass (viviparous form), *Poa arctica,* Selected Class "Natural"

Tok Germplasm Jakutsk snow parsley, *Cnidium cnidiifolium,* Selected Class "Natural"

Twenty Mile Germplasm boreal yarrow, *Achillea millefolium* var. *borealis,* Selected Class "Natural"

Wainwright Germplasm slender wheatgrass, *Elymus trachycaulus (Agropyron pauciflorum),* Selected Class "Natural"

Developed and released by:

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Approved by:

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