

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE:
PULLMAN, WASHINGTON

NOTICE OF RELEASE
OF A SELECTION OF REDOSIER DOGWOOD
Harrington origin Redosier Dogwood
(*Cornus sericea ssp. sericea* L.) from Harrington, Washington

The Natural Resources Conservation Service, U.S. Department of Agriculture announces the release of a selected ecotype of REDOSIER DOGWOOD (*Cornus sericea ssp. sericea* L.).

As a "selected" release, this plant will not be given a name, but will be referred to as Harrington origin Redosier dogwood to document its original collection location.

Species:	<i>Cornus sericea ssp. sericea</i>
Common Name:	Redosier dogwood
Plant Symbol:	COSES
Accession Numbers:	9023758, T23758

Origin: Native plants near Harrington, Lincoln County, Washington on Lake Creek, at 1970 feet elevation, Major Land Resource Area (MLRA) B-8 (Columbia Plateau).

Description: Harrington origin is a deciduous shrub up to 4.5 feet in height and 5 feet canopy width after 13 years on an upland site with average annual precipitation of 20 inches. It produces numerous stems, leaves and fruit. Plants are stoloniferous, producing roots where branches contact soil with adequate moisture. Plants tend to have a spreading growth form with numerous stems, attributes which were deemed desirable for riparian plantings.

Harrington origin is a clonal selection which originates from six source plants in the original PMC planting.

It was selected from a Pullman Plant Materials Center study of 73 Redosier dogwood accessions, 67 of which were planted in the field. The Redosier dogwood study was evaluated from 1983 - 1987. Limited evaluations were made through 1995. Harrington origin was rated excellent in vigor, excellent in number of basal stems, and very good in fruit production, foliage and stem abundance.

Areas of Adaptation: Harrington origin Redosier dogwood grows well in moist well-drained sites in MLRAs B-7 (Columbia Basin) and B-8. On the drier sites, Redosier dogwood is found close to a water source.

Redosier dogwood occurs in lowlands in interior valleys to near timberline. It tolerates flooding. After establishment for several years, it will live with roots submerged in water for most of the growing season. Its native range is from Alaska to Oregon, south to California, Nevada, Idaho, and Montana. It occurs in association with cottonwood, aspen, willow and water birch, sometimes as an understory plant. It will tolerate partial shade. Redosier dogwood is an early to mid-seral species that is not normally found in closed canopy forests.

Anticipated Conservation Use: The primary potential use is in bioengineering projects and riparian rehabilitation efforts in the Pacific Northwest. Redosier dogwood is recognized as a plant which can be planted as cuttings direct into moist soil. It is an excellent plant for erosion control on streambanks, shorelines and other sites with adequate moisture. Its spreading habit and extensive root system withstands action by waves and currents, aiding in holding soil. It is an attractive plant for landscaping as a screen or hedge. Stems and twigs are bright red, being especially attractive in winter after leaves drop. Redosier is also a valuable wildlife plant as browse, cover and food. Conservation practices that may use Redosier dogwood plantings include Critical Area Planting, Riparian Forest Buffer, Wildlife Habitat and Shelterbelt.

Maintenance of 9023733: The USDA Natural Resources Conservation Service, Plant Materials Center, Pullman, Washington will maintain the genetic material and make material available on a limited basis to nurseries and researchers.

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Notice of Release of Harrington origin Redosier Dogwood (continued)



LEONARD JORDAN
State Conservationist
Natural Resources Conservation Service
Spokane, Washington

06/03/1999

Date



ROBERT J. GRAHAM
State Conservationist
Natural Resources Conservation Service
Portland, Oregon

8/24/99

Date



GARY R. PFIEFFE
Acting State Conservationist
Natural Resources Conservation Service
Boise, Idaho

6/18/99

Date

for 

DIANE E. GELBURD
Director
Ecological Sciences Division
Natural Resources Conservation Service
Washington, D.C.

10/29/99

Date