

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

and

OREGON STATE
AGRICULTURAL EXPERIMENT STATION

and

WASHINGTON STATE
AGRICULTURAL RESEARCH CENTER

NOTICE OF RELEASE OF 'HEDERMA' SICKLE-KEELED LUPINE ^{1/}

The United States Department of Agriculture, Soil Conservation Service; the Oregon State Agricultural Experiment Station; and the Washington State Agricultural Research Center announce the release of 'Hederma' sickle-keeled lupine (*Lupinus albicaulis* Dougl.) for use in erosion control seedings on logging roads, highway slopes, dredge spoils, and other disturbed areas, and for wildlife cover and beautification. It has been tested as P-15659 by the Soil Conservation Service Plant Materials Center, Corvallis, Oregon since 1969. The name 'Hederma' denotes sweet smelling, indicative of its fragrance at flowering.

'Hederma' is a native short-lived perennial (biennial) forb which produces attractive white to purple flowers the second year. It was selected for plant vigor expressed in emergence, seedling development, growth habit, and freedom from any serious disease or insect damage. The flowering period lasts from 2-4 weeks beginning in May.

'Hederma' sickle-keeled lupine is a native legume that fixes nitrogen and is adapted to well-drained slopes and openings throughout western Oregon and Washington extending into northern California. It is found on a variety of soil but is susceptible to root rot if seeded on soils with a high water table. Best development is achieved when grown in full sun and persistence is best on disturbed or seasonally changing sites where competition is reduced. Adaptation trials have produced stands at all elevations below 460 meters and precipitation from 50 to 200 centimeters. It is non-toxic to livestock and wildlife but has no special forage value. Seeds are consumed by birds and small wildlife. To date, an improved, released cultivar has not been available commercially. 'Hederma' will help meet needs for revegetation especially where adapted native wild flowers are desired either in mixtures with other plants or seeded alone.

Breeders seed of 'Hederma' will be maintained by the Soil Conservation Service Plant Materials Center, Corvallis, Oregon. Foundation seed is available from the Oregon Foundation Seed Project, Oregon State University, and through Soil Conservation Districts in western Oregon and Washington.

^{1/} 'Hedema' has been assigned PI-452129.

John R. Davis

Director, Oregon State Agricultural
Experiment Station
Oregon State University
Corvallis, Oregon

12-29-80

Date

J Boyd / 80

Washington State Agricultural
Research Center
Washington State University
Pullman, Washington

1-12-81

Date

Sharon M. Staff

Director, Ecological Sciences and
Technology Division
United States Department of Agriculture
Soil Conservation Service
Washington, D.C.

1-26-81

Date