

# Plants

*...a natural solution  
to heal the land, protect clean water  
and support native wildlife...*

## PMC ACTIVITIES

- Assist public and private landowners and managers by developing plant solutions to on-the-ground conservation challenges.
- Develop planting strategies to restore ecosystem function to lands damaged by use, natural disasters, drought, etc.
- Apply native grasses, wildflowers, legumes, trees and shrubs to promote air and water quality and protect critical wildlife habitats.
- Provide plant stocks and develop techniques for delivery of conservation programs.
- Enhance efforts to conserve threatened and endangered species.
- Advance solutions to battle invasive species, produce alternative energy and address other emerging concerns.

## Working in Partnership

with the  
Plant Materials Program

The Corvallis PMC conducts plant research, development and release in cooperation with our partners. Entities that implement restoration projects, conservation programs or other efforts often work with the PMC when needs for specific species or planting technologies are identified.

### PARTNERS & CUSTOMERS

*NRCS offices  
Conservation districts  
Public agencies  
Universities  
Conservation organizations  
Tribes  
Farmers and ranchers  
Rural and urban landowners  
Land managers*

To discuss opportunities for projects with the Corvallis PMC, or for more program information and technical resources, visit us online:

**Corvallis Plant Materials Center:**

<http://plant-materials.nrcs.usda.gov/orpmc>

**NRCS National Plant Materials Center:**

<http://plant-materials.nrcs.usda.gov>

**USDA NRCS** UNITED STATES DEPARTMENT OF AGRICULTURE  
Natural Resources Conservation Service

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## PARTNERING FOR PLANT SOLUTIONS

*Corvallis Plant Materials Center*

WORKING WITH OUR PARTNERS  
TO IDENTIFY & DEVELOP  
INNOVATIVE TECHNOLOGIES & SOLUTIONS



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# Corvallis

## PLANT MATERIALS CENTER

Since 1957, the Corvallis Plant Materials Center (PMC) has selected and developed conservation plants and planting technology to solve resource concerns critical to the Pacific Northwest.

A unit of the USDA Natural Resources Conservation Service (NRCS), the PMC works in partnership with local, state, federal and private organizations to develop new technology in plant propagation and establishment, seed production, re-vegetation, restoration and erosion control. Plant specialists test and release new plant sources used to restore and protect streamside areas, wetlands, uplands, cropped lands and critical wildlife habitats. Most of their focus is on native grasses, forbs and shrubs.

The Corvallis PMC service area includes the northern Pacific Coast Range, Willamette Valley and Puget Sound, as well as the Olympic, Cascade and Siskiyou Mountains.



# CORVALLIS PMC PLANT RELEASES

*A PMC release is a plant selection that has been evaluated and selected for its ability to grow under certain conditions while achieving specific conservation purposes, such as erosion prevention, invasive species control and other functions.*



**'Arlington' and 'Elkton' blue wildrye**

Native grass: used for woodland revegetation, upper streambank and roadside stabilization, erosion control on disturbed sites, quick cover, site rehabilitation after logging or fire and wildlife habitat.



**'Willamette' and 'Tillamook' tufted hairgrass**

Native germplasm: applications include riparian revegetation, shoreline erosion control, freshwater wetland plantings and wildlife cover and herbage.



**'Mason' western redosier dogwood**

Native shrub: provides cover, browse and berries for wildlife and streambank stabilization.

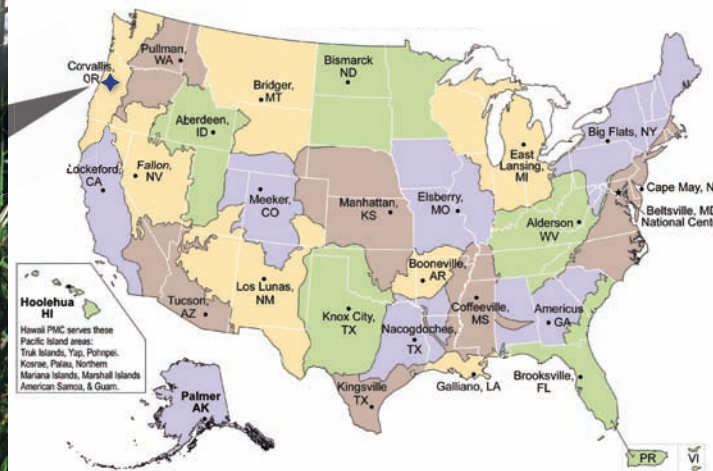


**'Hedema' lupine**

Native forb: used for wildlife forage and cover, revegetation for disturbed sites and cover crops, as well as landscape uses due to the showy floral display.

## THE PLANT MATERIALS PROGRAM

*The NRCS Plant Materials Program uses plants to solve the Nation's most important resource concerns through a network of 27 Plant Materials Centers serving all 50 states and territories. To date, the program has released more than 600 conservation plants; most are now grown commercially for conservation use.*



### Developing Plant Materials

- Step 1 - Assembly of seeds/plants from native stands
- Step 2 - Initial evaluation of plants under controlled conditions
- Step 3 - Seed increase of superior plants
- Step 4 - Advanced evaluation and trials of cultural and management techniques for commercial production
- Step 5 - Field plantings for final evaluation under actual use conditions
- Step 6 - Release of plants with cooperating agencies (name the release, describe the benefits and make it available to commercial growers)