



CONSERVATION ENHANCEMENT ACTIVITY

E512J

CONSERVATION STEWARDSHIP PROGRAM

Establish wildlife corridors to provide habitat continuity or access to water

CONSERVATION PRACTICE: 512 - Pasture and Hay Planting

APPLICABLE LAND USE: Pasture; Associated Ag Land; Farmstead

RESOURCE CONCERN: Animals

ENHANCEMENT LIFE SPAN: 5 years

Enhancement Description

Establishing adapted and/or compatible species, varieties, or cultivars of perennial, herbaceous species that can provide cover needed for wildlife species of concern to move from food/cover/water sources to other food/cover/water sources as needed for their life cycles, and/or to enhance the utility of underused wildlife habitat areas.

Criteria

- Select native, perennial, grass/forb/legume plant species and their cultivars based on climatic conditions, soil condition, landscape position and resistance to disease and insects, that meet the cover demand for movement by the wildlife species of concern.
- Recommendations for planting rates, methods, depths, and dates from land grant universities (LGU), plant materials program, extension agencies, or agency field trials will be followed.
- Seeding medium that does not restrict plant emergence will be provided, and planting will take place when soil moisture is adequate for germination and establishment.
- Federal, state, or local noxious species will not be planted.
- Plant nutrients and/or soil amendments for establishment purposes will be applied according to a current soil test. Legume seed will be pre- inoculated or inoculated with the proper viable strain of Rhizobia immediately before planting.

E512J - Establish wildlife corridors to provide habitat continuity or access to water	July 2022	Page 1
---	-----------	----------



CONSERVATION STEWARDSHIP PROGRAM

- Plant selection will be made and maintained based on the state's approved NRCS habitat evaluation procedure.
- Protection from grazing or other plant defoliation/biomass loss will be provided as needed to assure adequate corridor cover during the primary wildlife movement time frames.
- Grazing or other plant defoliation/biomass operations will be timed as needed to assure adequate corridor cover during the primary wildlife movement time frames.
- Wildlife species of concern for corridor utilization will be specified on the state's approved NRCS Wildlife Habitat Evaluation Guide (WHEG).

Documentation and Implementation Requirements

Participant will:

- Prior to implementation, select a perennial forage species or grassland mixture for establishment. If livestock are included in the system, forage species selected will meet the desired level of nutrition for the kind and class of the livestock to be fed. (NRCS will provide technical assistance, as needed.)

Species	Species type (grass, legume, forb)

- Prior to implementation, select planting technique, seeding rates and timing appropriate for the site and climatic conditions. (NRCS will provide technical assistance, as needed.)

Planting Date	
Planting method	
Seeding rate	



CONSERVATION STEWARDSHIP PROGRAM

- If livestock are included in the system*, prior to implementation a grazing plan must be developed to keep grazing periods sufficiently short to allow for forages to recover before re-grazing occurs.
- If livestock are included in the grazing system*, in areas where animals congregate, establish persistent species than can tolerate close grazing and trampling.
- During implementation, keep the following documentation:
 - Records and photographs of planting preparation and any materials purchased or materials on hand used for the implementation of the enhancement.
 - Documentation of seed (Pure Live Seed) and any fertilizer or soil amendments used for the implementation of the enhancement.
 - *If livestock are included in the grazing system*, documentation, and photographs of turn in/turn out grazing records for each field.
- During implementation, ensure that the forage/biomass is protected from grazing or other plant defoliation/biomass loss.
- After implementation, make the forage planting and grazing records available for review by NRCS to verify implementation of the enhancement.

NRCS will:

As needed, provide technical assistance to meet the criteria of the enhancement.

Prior to implementation, provide and explain NRCS Conservation Practice Standard Pasture and hay Planting (Code 512) as it relates to implementing this enhancement.

Prior to implementation, complete the state's approved NRCS Wildlife Habitat Evaluation Guide (WHEG).

Species of concern: _____

WHEG score before implementation: _____

WHEG score after implementation: _____

As needed, prior to implementation, NRCS will provide technical assistance:

- Planning site preparation and establishment specifications meeting NRCS Conservation Practice Standard Pasture and Hay Planting (512).
- Prepare specifications for applying this enhancement for each site using approved specification sheets, job sheets, technical notes, and narrative statements in the conservation plan, or other acceptable documentation.



CONSERVATION STEWARDSHIP PROGRAM

- *If livestock are included in the system*, develop a grazing plan to keep grazing periods sufficiently short to allow for forages to recover before re-grazing occurs.
- During implementation, evaluate any planned changes to verify they meets the enhancement criteria.
- After implementation, verify the planned perennial grassland mixture was established to specifications developed for the site.

NRCS Documentation Review:

I have reviewed all required participant documentation and have determined the participant has implemented the enhancement and met criteria and requirements.

Participant Name _____ Contract Number _____

Total Amount Applied _____ Fiscal Year Completed _____

NRCS Technical Adequacy Signature _____ Date _____

*Sign and certify in the Oregon-Acknowledgment & Certification supplement below.



OREGON SUPPLEMENT TO CONSERVATION ENHANCEMENT ACTIVITY E512J

CONSERVATION STEWARDSHIP PROGRAM

Additional Criteria for Oregon

- In addition to the criteria specified in the National job sheet E512J the following additional criteria apply in Oregon:
 - Species composition will be based on pure live seed in the specified mixture.
 - Proper grazing management is critical to the maintenance of native seedings in pasture settings. The grazing management plan for areas seeded may include but is not limited to the following:
 - Livestock will be excluded from new seedings until mix is well established –typically 1 to 2 growing seasons after planting and should be documented with an Oregon Prescribed Grazing Implementation Requirement (528 IR).
 - A deferment from spring grazing (until after seed set) at least one year out of three years.
 - Minimum stubble heights will be 4 -6 inches in all years.

Additional Documentation Requirements for Oregon

- In addition to the documentation requirements specified in the National job sheet E512J the following additional documentation requirements apply in Oregon
- Planner must complete a Pasture and Hay Planting Implementation Requirement (512 IR) to accompany this enhancement.
- Seedling density for a successful planting will be at least 3 seeded plants per square foot at the end of the second growing season after planting.
- These seeding recommendations assume that the seedbed is clean, firm, and weed-free and that the seeding is performed with a drill. Broadcast seedings will require twice as much seed.
 - If planners have questions about native species mixes contact basin Rangeland Management Specialist, Oregon NRCS State Plant Materials Specialist or the State Rangeland Management Specialist.

References include:

[eFOTG: Section 3: Oregon Conservation Planning Documents: Wildlife Habitat Inventory Documents](#)

[Oregon – Washington Guide for Conservation Seedings and Plantings, 2000, USDA-NRCS Intermountain Planting Guide](#)

[Grass, Grass-Like, Forb, Legume, and Woody Species for the Intermountain West](#)

Design Approvals & Acknowledgements:

Design Approval	Date	Job Approval Authority
Designed by:		
Approved by:		

Client's Acknowledgement Statement:

The client acknowledges:

- I have received a copy of the specification and understand the contents and requirements.
- It is my responsibility to obtain all necessary permits and/or rights and to comply with all ordinances and laws pertaining to the application of this practice.
- I will not begin installation of this practice until I have received appropriate approval to do so. I understand NRCS also has Federal and state laws to comply with that may take some time to address (e.g. cultural resources).

Client's Signature	Date

Certification Documentation:

	Field Evaluation: Post-treatment inventory, measurements, notes, as-built, and supporting documentation (document completion in conservation plan), as required.
	Map(s): Including field numbers, fields treated, and units treated (may document on conservation plan map), as required.
	Photos or other supporting documentation (e.g., seed tags, soil tests, receipts, invoices, spray records, fertilizer records, etc.)
Brief Description of Work Accomplished (types of equipment used, date of application, extents and quantities installed, etc.)	

Certification Statement:

The employee certifies the implementation of this conservation practice:

- Meets the purpose, general criteria, and any required additional criteria as documented in the conservation practice standard and/or enhancement sheet.
- Meets the specifications contained herein and is complete.
- Conforms to my existing Job Approval Authority controlling factors and levels.

Name	Date	Job Approval Authority

Field Level Certification – For multiple applications of this design.				
Land Unit/ Contract Item Number	Date	Unit(s)	Amount Installed	Certifier