



WYOMING PLANT MATERIALS TECH NOTE 9

Plant Material Program Releases Suitable For Conservation Buffers

The Bridger MT Plant Materials Center has released plant materials suitable for conservation buffers in their Service Area.

Conservation Buffers are small areas or strips of land in permanent vegetation designed to complement other conservation practices that help:

- Prevent soil erosion
- Protect and enhance soil quality
- Prevent air and water pollution
- Improve wildlife habitat

Conservation Practices include:

Contour Buffer Strips	Grassed Waterways
Cross Wind Trap	Herbaceous Wind Barriers
Filter Borders	Riparian Forest Buffers
Filter Strips	Vegetative Barrier
Shallow Water Areas for Wildlife	Streambank/Shoreline Protection
Wildlife Upland Habitat Management	Windbreaks/Shelterbelts

Selecting the proper plant species is key to the overall effectiveness of installed buffers. Factors to consider when selecting appropriate plant species include:

- Planting objectives
- Site characteristics
- Climate
- Plant adaptability
- Plant attributes that enhance buffer effectiveness

The accompanying table provides a list of plants developed by the NRCS Plant Materials Program, Bridger, Montana. The table is presented for general guidance. Check the local NRCS Field Office Technical Guide for plant species adaptability and performance, establishment techniques and management for specific conservation practices in your locale.

With proper planning, resource inventory, site preparation, plant species selection, seed quality, seeding techniques and subsequent management, landowners can successfully establish an array of plant species to serve as effective conservation buffers.

For more information the use of vegetation to address conservation needs, visit the NRCS Plant Materials Program website at : www.plant-materials.nrcs.usda.gov/mtpmc



Visit the Plant Materials Program website at:
<http://Plant-Materials.nrcs.usda.gov>

PLANT SOLUTIONS FOR CONSERVATION NEEDS

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PLANT MATERIALS PROGRAM RELEASES SUITABLE FOR CONSERVATION BUFFERS

PLANT MATERIALS FOR CONSERVATION BUFFERS	CONTOUR BUFFER STRIPS	FIELD BORDERS	FILTER STRIPS	GRASSED WATERWAYS	HERBACEOUS WIND BARRIER	CROSS WIND TRAP STRIPS	SALT TOLERANT VEGETATION	RIPARIAN FOREST BUFFER	WINDBREAKS / SHELTERBELTS	STREAMBANK / SHORELINE PROTECTION	FOR WILDLIFE HABITAT UP-LAND	WASTE MANAGEMENT
GRASSES												
Switchgrass 'Sunburst', 'Dacotah'	X	X	X		X	X	X	X	X	X	X	X
Big Bluestem 'Bison', 'Sunnyview'	X	X	X		X	X		X			X	
Buffalograss Blamarck Genotype	X	X	X	X								
Western Wheatgrass 'Rosana', 'Rodan', 'Arriba'	X	X	X	X			X	X	X		X	
Thickspike Wheatgrass 'Critana', 'Bannock'	X	X	X	X			X		X		X	
Streambank Wheatgrass 'Sodar'	X	X	X	X			X		X		X	
Slender Wheatgrass 'Pryor', 'San Luis'	X	X	X				X	X	X		X	
Tall Wheatgrass 'Jose', 'Alkar'	X	X			X	X	X	X	X	X	X	
Crested Wheatgrass 'Hycrest'	X	X	X									
Pubescent Wheatgrass 'Manska', 'Luna'	X	X	X		X	X	X				X	X
Intermediate Wheatgrass 'Rush', 'Oahe'	X	X	X		X	X	X				X	X
Basin Wildrye 'Trailhead', 'Magnar'	X	X			X	X	X				X	
Altal Wildrye 'PrairieLand'	X	X	X		X	X	X	X		X	X	
Russian Wildrye 'Bozolsky-Select'	X	X			X	X	X					
Beardless Wildrye 'Shoshone'	X	X	X	X			X	X	X			X
Canada Wildrye 'Mandan'	X	X	X									
Canada bluegrass 'Ruebens'				X			X					
Dahurian wildrye 'Arthur' 'James'	X	X	X						X	X		
Smooth Brome 'Lincoln', 'Manchar'	X	X	X	X			X		X			
Meadow Brome 'Regar'	X	X	X		X	X	X				X	
Tall Fescue 'Alta', 'Fawn'	X	X	X				X	X		X		X
Creeping Foxtail 'Garrison'	X		X	X			X		X	X		X
Reed Canarygrass 'Venture'	X		X	X			X		X	X		X
Orchardgrass 'Latar', 'Potomac'	X	X	X				X					
LEGUMES / FORBS												
Alfalfa	X	X			X	X	X				X	
Cicer Milkveitch 'Lutana', 'Monarch'	X	X					X				X	
Birdsfoot Trefoll	X	X					X		X	X	X	
Alsike Clover	X	X					X	X		X		
Red Clover	X	X					X					
Strawberry Clover	X	X					X	X				
White Clover	X	X					X					
Sainfoin 'Eski', 'Remont', 'Melrose'	X	X			X	X					X	
Yellow Blossom Sweetclover	X	X			X	X	X				X	
Purple Prairie Clover 'Kanab'	X	X									X	
Slender White Prairie Clover, Antelope Gemplam	X	X									X	
Lewis Flax 'Appar'	X	X									X	
Maxmillian Sunflower	X	X				X					X	
Small Burnett 'Delar'	X	X									X	
TREES AND SHRUBS												
Fourwinged Saltbush 'Wytana'	X	X					X				X	
Rocky Mountain Juniper		X					X	X			X	
Silverberry		X					X	X	X	X	X	
Buffaloberry		X					X	X	X	X	X	
Rose		X					X	X	X		X	