

ROW 1

Cultivar	Genus & Species	Common Name
Hycrest	<i>Agropyron cristatum</i> <i>X desertorum</i>	crested wheatgrass hybrid
Vavilov	<i>Agropyron fragile</i>	Siberian wheatgrass
Oahe	<i>Thinopyrum intermedium</i>	intermediate wheatgrass
Luna	<i>Thinopyrum intermedium</i>	pubescent wheatgrass
Critana	<i>Elymus lanceolatus</i>	thickspike wheatgrass
Sodar	<i>Elymus lanceolatus</i>	streambank wheatgrass
Rosana	<i>Pascopyrum smithii</i>	western wheatgrass
Pryor	<i>Elymus trachycaulus</i>	slender wheatgrass
Goldar	<i>Pseudoroegneria spicata</i>	bluebunch wheatgrass
NewHy	<i>Elymus hoffmannii</i>	bluebunch X quackgrass
Jose	<i>Thinopyrum ponticum</i>	tall wheatgrass
Garnet	<i>Bromus marginatus</i>	mountain brome
Manchar	<i>Bromus inermis</i>	smooth brome
Regar	<i>Bromus biebersteinii</i>	meadow brome
Latar	<i>Dactylis glomerata</i>	orchardgrass
-	<i>Phalaris arundinacea</i>	reed canarygrass
Garrison	<i>Alopecurus arundinaceus</i>	creeping foxtail
-	<i>Alopecurus pratensis</i>	meadow foxtail
Engmo	<i>Phleum pratense</i>	timothy
Kenmont	<i>Lolium arundinaceum</i>	tall fescue

ROW 2

Cultivar	Genus & Species	Common Name
Bison	<i>Andropogon gerardii</i>	big bluestem
Lodorm	<i>Nassella viridula</i>	green needlegrass
-	<i>Sporobolus airoides</i>	alkali sacaton
Troy	<i>Poa pratensis</i>	Kentucky bluegrass
Foothills	<i>Poa compressa</i>	Canada bluegrass
Sherman	<i>Poa secunda (ampla)</i>	big bluegrass
-	<i>Elymus elymoides</i>	bottlebrush squirreltail
Rimrock	<i>Achnatherum hymenoides</i>	Indian ricegrass
High Plains	<i>Poa secunda</i>	Sandberg bluegrass
-	<i>Koeleria macrantha</i>	prairie Junegrass
Trailhead	<i>Leymus cinereus</i>	basin wildrye
Volga	<i>Leymus racemosus</i>	mammoth wildrye
Shoshone	<i>Leymus triticoides</i>	beardless wildrye
Prairieland	<i>Leymus angustus</i>	Altai wildrye
Bozoisky	<i>Psathyrostachys juncea</i>	Russian wildrye
James	<i>Elymus dahuricus</i>	Dahurian wildrye
-	<i>Festuca campestris</i>	rough fescue
Durar	<i>Festuca trachyphylla</i>	hard fescue
Joseph	<i>Festuca idahoensis</i>	Idaho fescue
Covar	<i>Festuca ovina</i>	sheep fescue

ROW 3

Cultivar	Genus & Species	Common Name
Goldstrike	<i>Andropogon hallii</i>	sand bluestem
Blaze	<i>Schizachryium scoparium</i>	little bluestem
Alma	<i>Bouteloua gracilis</i>	blue grama
Pierre	<i>Bouteloua curtipendula</i>	sideoats grama
Goshen	<i>Calamovilfa longifolia</i>	prairie sandreed
Plains	<i>Buchloe dactyloides</i>	buffalograss
Dacotah	<i>Panicum virgatum</i>	switchgrass
Lutana	<i>Astragalus cicer</i>	cicer milkvetch
Tretana	<i>Lotus corniculatus</i>	birdsfoot trefoil
-	<i>Medicago sativa</i>	alfalfa
-	<i>Oxytropis riparia</i>	Ruby Valley pointvetch
-	<i>Trifolium fragiferum</i>	strawberry clover
Kaneb	<i>Dalea purpurea</i>	purple prairie clover
Antelope	<i>Dalea candida</i>	white prairie clover
Remont	<i>Onobrychis viciifolia</i>	sainfoin
Appar	<i>Linum lewisii</i>	Lewis flax
Delar	<i>Sanguisorba minor</i>	small burnet
Open Range	<i>Krascheninnikovia lanata</i>	winterfat
Wytana	<i>Atriplex X aptera</i>	fourwing saltbush
-	<i>Atriplex falcata</i>	Gardner saltbush



DEMONSTRATION AREA



The Bridger Plant Materials Center (PMC) has established a demonstration planting of 60 conservation species. The planting offers a visual and hands-on training aid to teach

plant identification, appropriate plant use, and proper management. The PMC conducts training sessions and tours capitalizing on the versatility and convenience of numerous species in the demonstration.

The display features 47 cool- and warm-season native and introduced grasses recommended for use in dryland and irrigated pasture, hayland, mineland reclamation, range rehabilitation, roadside revegetation, and residential xeriscape. Many of the grasses have been tested and proven to be top performers and are available for purchase on the commercial market. Others are in the testing and developmental phase, but will move into commercial production in the near future.

The planting also includes eight legume species for pasture, saline, and landscape uses, and two forbs and three shrubs with potential for enhancing wildlife habitat.



ORCHARD UNDERSTORY

The PMC demonstration area is surrounded by remnants of the original farm's apple orchard. In the 1960s, apple production was in full swing in the Clarks Fork Valley and the orchard is very much a part of the Center's history.

In an effort to preserve the orchard's historical integrity, a small grass understory study was installed in the mid-1980s. The grasses were selected based on their drought tolerance, short stature, and potential low maintenance. The species in the plot are (from east to west): 'Parkway' crested wheatgrass, 'Covar' sheep fescue, 'Paiute' orchardgrass, 'Ephraim' crested wheatgrass, and 'Durar' hard fescue.



After nearly 30 years, all but the orchardgrass have persisted on the site, prevented weed invasion, and provided an attractive turf.



For more information about the Bridger Plant Materials Center, the demonstration area, and the orchard understory, contact the PMC.

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<http://www.mt.nrcs.usda.gov/programs/plants/index.html>

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08/03 MT



Plant Materials Demonstration Area



Plant
Materials
Center:
Bridger, Montana

