INCORPORATED
EFFECTIVE:
JUL 30 1997
97B
UTAH DIVISION OIL, GAS AND MINING

Appendix 3-6

Seed Mixes

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Seed Mix
(Non-Riparian Area)

Species		**Broadcast Rate Lbs/acre**
GRASSES AND FORBS:		
Achillea millefolium		
Yarrow		0.5
Artemisia tridentata vaseyana		
Mountain Big Sage		1.0
Agropyron smithii		
Western Wheatgrass		3.0
Agropyron spicatum		
Bluebunch Wheatgrass		2.0
Aster glaucoides		
Blueleaf Aster		1.0
Bromus carantus (marginatus)		
Mountain Brome		3.0
Dactylis glomerata (piaute)		
Orchart Grass		0.5
Linum lewisii		
Lewis Flax		1.0
Medicago sativa		
"Ranger" Alfalfa		0.5
Melilotus officinalis		
Yellow Sweetclover		0.5
Penstemon strictus		
Rocky Mountain Penstemon		1.0
Sanguisorba minor		
Small Barnet		1.0
Viguiera multiflora		
Showy Goldeneye		0.5
	Total	15.5
SHRUBS:		
Symphorica oreophilus		
Snowberry		1.0
Rosa woodsii		
Woods Rose		1.0
Rhus trilobata		
Squawbush		1.0
	Total	3.0

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Seed Mix (continued)

(Non-Riparian Area)

Species	**Plants/acre**
TREES:	
Populus tremuloides	
Quaking Aspen	150

In addition, on north facing slopes, the following plants will be added:

TREES:	
Populus tremuloides	
Quaking Aspen	600
SHRUBS:	
Shepherdia canadensis	
Buffaloberry	1,000
Rosa woodsii	
Woods Rose	700

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Seed Mix (Riparian Area)

Species	**Broadcast Rate Lbs/acre**
GRASSES AND FORBS:	
Achillea millefolium	
Yarrow	0.5
Artemisia tridentata vaseyana	
Mountain Big Sage	1.0
Agropyron smithii	
Western Wheatgrass	3.0
Agropyron spicatum	
Bluebunch Wheatgrass	2.0
Aster glaucoides	
Blueleaf Aster	1.0
Bromus carantus (marginatus)	
Mountain Brome	3.0
Dactylis glomerata (piaute)	
Orchart Grass	0.5
Linum lewisii	
Lewis Flax	1.0
Medicago sativa	
"Ranger" Alfalfa	0.5
Melilotus officinalis	
Yellow Sweetclover	0.5
Penstemon strictus	
Rocky Mountain Penstemon	1.0
Sanguisorba minor	
Small Barnet	1.0
Viguiera multiflora	
Showy Goldeneye	0.5
Agrostis stolonifera	
Redtop	1.5
Poa pratensis	
Kentucky Bluegrass	1.5
Total	18.5

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Seed Mix (continued)

(Riparian Area)

	Plants/acre
SHRUBS:	
Rosa woodsii	
Woods Rose	500
TREES:	
Cornus stolonifera	
Red Osler Dogwood	20
Populus angustifolia	
Narrowleaf Cottonwood	10
Salix (native)	
Native Willow (cuttings from adjacent areas)	100

NOTE: One of the following will be planted at one foot (maximum) intervals along the stream: Woods Rose, Red Osler Dogwood, or Willow. The remainer will be planted adjacent to the stream and uphill from the first row. Willows may be clumped at vulnerable locations along the stream banks to stabilize the embankment.

Plugs of Equisetum arvense will be planted at approximately two foot intervals along the stream, depending on actual density in the field.

The riparian seed mix would be applied in the area 20 feet on either side of Crandall Creek.