

**Table B-4.6 Permanent Reclamation  
Species List for Playas and other  
Alkaline Areas. \***

Seed Mixture recommendation is based on 40 seeds/ft<sup>2</sup> at a 100% seed mix composition. If extreme conditions such as lack of topsoil, steep slopes, poor soils, etc. exist increase total mixture to 60 seeds/ft<sup>2</sup>.

<b>Grasses - Common Name</b>	<b>Scientific Name</b>	<b>Lb/acre Seeding Rate based on 20% of composition. Adjust appropriately if more than 3 species are used.</b>
<b>Choose a min. of 3 different grasses. Not to exceed 60% of entire composition.</b>		
<b>Bunchgrass Choose a minimum of 2 grasses from this list</b>		
basin wildrye	<i>Leymus cinereus</i>	2.7
Indian Ricegrass	<i>Oryzopsis hymenoides</i> or <i>Achnatherum hymenoides</i>	2.5
Alkali Sacaton	<i>Sporobolus airoides</i>	0.2
Bluebunch Wheatgrass (all varieties)	<i>Pseudoroegneria spicata</i> ssp. <i>Spicata</i>	2.5
Bottlebrush Squirreltail	<i>Elymus elymoides</i>	1.8
Alkali Bluegrass	<i>Poa secunda</i>	0.4
<b>Rhizomatous Choose a minimum of 1 grass from this list</b>		
Nuttall's alkaligrass	<i>Puccinellia nuttalliana</i>	0.3
Slender wheatgrass	<i>Elymus trachycaulus</i> ssp. <i>Trachycaulus</i>	2.2
Alkali muhly	<i>Muhlenbergia asperifolia</i>	0.22
inland saltgrass	<i>Distichlis spicata</i>	0.7
western wheatgrass (all varieties)	<i>Pascopyrum smithii</i>	3.2
streambank wheatgrass	<i>Elymus lanceolatus</i> ssp. <i>psammophilus</i>	2.2
Thickspike Wheatgrass (all varieties)	<i>Elymus lanceolatus</i> ssp. <i>lanceolatus</i>	2.2

<b>Forbs - Common Names</b>	<b>Scientific Name</b>	<b>Lb/acre Seeding Rate based on 5% of seed mix composition. Adjust appropriately if more than 4 species are used.</b>
<b>Choose a min. of 4 different forbs. Total forbs not to exceed 20% of entire composition; Any one species not to exceed 5% of composition.</b>		
Tapertip hawksbeard	<i>Crepis acuminata</i> Nutt	0.11
Pale Evening-Primrose	<i>Oenothera pallida</i> Lindl. ssp. <i>pallida</i>	0.2
Tolmie's owl's-clover or yellow owl's-clover	<i>Orthocarpus luteus</i> / <i>Orthocarpus tolmiei</i>	0.02
Northern sweetvetch	<i>Hedysarum boreale</i>	0.3
gooseberryleaf globemallow	<i>Sphaeralcea grossulariaefolia</i>	0.2
Scarlet Globemallow	<i>Sphaeralcea coccinea</i>	0.17
Munro Globemallow	<i>Sphaeralcea munroana</i>	0.17
hollyleaf clover	<i>Trifolium gymnocarpon</i>	0.12
cows clover	<i>Trifolium wormskioldii</i>	0.12
Wyeth buckwheat	<i>Eriogonum heracleoides</i>	0.7

Sulfur buckwheat	<i>Eriogonum umbellatum</i>	0.4
Lewis Blue Flax	<i>Linum lewisii</i>	0.3

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		<b>Lb/acre Seeding Rate based on 5% of composition. Adjust appropriately if more than 4 species are used.</b>
<b>Shrubs-Common Name</b>	<b>Scientific Name</b>	

**Choose a minimum of 4 different species. Not to exceed 20% of entire composition. Any one species not to exceed 5% of composition.**

<b>salt heliotrope</b>	<i>Heliotropium curassavicum</i>	0.12
<b>Shadscale</b>	<i>Atriplex confertifolia</i>	1.4
<b>Gardener's Saltbrush</b>	<i>Atriplex gardneri</i>	0.8
<b>Four-wing Saltbush</b>	<i>Atriplex canescens</i>	1.7
<b>Spiny hopsage</b>	<i>Grayia spinosa</i>	0.52
<b>Low sage</b>	<i>Artemisia arbuscula</i>	1.4
<b>bud sagebrush</b>	<i>Picrothamnus desertorum</i> or <i>Artemisia spinescens</i>	0.1

\* This seed mix may be modified with approval from the BLM based on site-specific conditions, the identification of additional useful species for rapid site stabilization, species success in past revegetation efforts, and seed availability and cost. It is recommended that all seed be Wyoming Source. If broadcasting, double seeding rates

**Choose a minimum of 4 different species. Not to exceed 20% of entire composition. Any one species not to exceed 5% of composition.**

<b>Winterfat</b>	<i>Krascheninnikovia lanata</i>	0.7
<b>Wyoming big sagebrush *REQUIRED</b>	<i>Artemisia tridentata wyomingensis</i>	1
<b>basin big sagebrush</b>	<i>Artemisia tridentata</i> Nutt. ssp. <i>tridentata</i>	0.6
<b>Low sage</b>	<i>Artemisia arbuscula</i>	1.4
<b>bud sagebrush</b>	<i>Picrothamnus desertorum</i> or <i>Artemisia spinescens</i>	0.1
<b>rabbitbrush</b>	<i>Chrysothamnus nauseosus albicaulis</i> or <i>hololeucus</i>	0.12
<b>Spiny hopsage</b>	<i>Grayia spinosa</i>	0.52
<b>granite prickly phlox</b>	<i>Leptodactylon pungens</i>	0.7

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