

JIO Recommended Plant List

This list should be somewhat adaptive due to current ongoing efforts by NRCS, BLM, EnCana, Shell and others in the experimentation with various species and cultivars for reclamation.

<u>Native Grasses:</u>		<u>cutleaf daisy*</u>	<u>(<i>Erigeron compositus</i>)</u>
thickspike wheatgrass*	(<i>Elymus lanceolatus ssp. lanceolatus</i>)	<u>sulphur-flower buckwheat*</u>	<u>(<i>Eriogonum umbellatum</i>)</u>
western wheatgrass*	(<i>Pascopyrum smithii</i>)	blue aster	(<i>Eurybia glauca</i>)
<u>streambank wheatgrass*</u>	(<i>Elymus lanceolatus ssp. lanceolatus</i>)	prairie flax	(<i>Linum lewisii</i>)
bluebunch wheatgrass	(<i>Pseudoroegneria spicata</i>)	Canby's biscuitroot	(<i>Lomatium canbyi</i>)
Indian ricegrass	(<i>Achnatherum hymenoides</i>)	<u>fernleaf biscuitroot*</u>	<u>(<i>Lomatium dissectum</i>)</u>
Letterman's needlegrass	(<i>Achnatherum nelsonii</i>)	silvery lupine	(<i>Lupinus argenteus</i>)
basin wildrye	(<i>Leymus cinereus</i>)	silky lupine	(<i>Lupinus sericeus</i>)
needleandthread	(<i>Hesperostipa comata</i>)	<u>purple aster</u>	<u>(<i>Machaeranthera bigelovii var. bigelovii</i>)</u>
bottlebrush squirreltail	(<i>Elymus elymoides</i>)	<u>Nodding microserus*</u>	<u>(<i>Microseris nutans</i>)</u>
Sandberg bluegrass	(<i>Poa secunda</i>)	white evening-primrose	(<i>Oenothera pallida</i>)
<u>slender wheatgrass</u>	(<i>Elymus trachycaulus</i>)	yellow owls-clover	(<i>Orthocarpus lutea</i>) <i>Annual</i>
<u>Canby bluegrass</u>	(<i>Poa secunda syn. P. canbyi</i>)	woolly groundsel	(<i>Packera cana</i>)
<u>mutton bluegrass</u>	(<i>Poa fendleriana</i>)	firecracker penstemon	(<i>Penstemon eatonii</i>)
<u>big bluegrass</u>	(<i>Poa secunda syn. P. ampla</i>)	fuzzytongue penstemon	(<i>Penstemon eriantherus var. eriantherus</i>)
<u>beardless wheatgrass</u>	(<i>Pseudoregnaria spicata ssp. inermis</i>)	Palmer penstemon	(<i>Penstemon palmerii</i>)
*Recommend planting only one rhizomatous species due to the competitive nature of these species.		<u>silverleaf phacelia</u>	<u>(<i>Phacelia hastata var. hastata</i>)</u>
<u>Native Forbs:</u>		<u>Hood's Phlox*</u>	<u>(<i>Phlox hoodii</i>)</u>
<u>western yarrow</u>	(<i>Achillea millefolium</i>)	longleaf phlox	(<i>Phlox longifolia</i>)
<u>false dandelion*</u>	(<i>Agoseris glauca</i>)	scarlet globemallow	(<i>Sphaeralcea coccinea</i>)
tapertip onion	(<i>Allium acuminatum</i>)	Munro globemallow	(<i>Sphaeralcea munroana</i>)
<u>textile onion</u>	(<i>Allium textile</i>)	western aster	(<i>Symphyotrichum ascendens</i>)
<u>sego lily*</u>	(<i>Calochortus nutallii</i>)	Pacific aster	(<i>Symphyotrichum chilense</i>)
wavyleaf Indian paintbrush	(<i>Castilleja applegatei</i>)	hollyleaf clover	(<i>Trifolium gymnocarpon</i>)
Rocky Mountain beeplant	(<i>Cleome serrulata</i>) <i>Annual</i>	American vetch*	(<i>Vicia americana</i>)

Underlined species have uncertainty about adaptability to Jonah Field (the Jonah sits on the ppt zone transition between 7-9 and 10-14).

Native Shrubs:

early/alkali sagebrush	(<i>Artemisia arbuscula</i> ssp. <i>longiloba</i>)
fringed sagewort	(<i>Artemisia frigida</i>)
cudweed sagewort	(<i>Artemisia ludoviciana</i>)
black sagebrush	(<i>Artemisia nova</i>)
Wyoming big sagebrush	(<i>Artemisia tridentata</i> ssp. <i>wyomingensis</i>)
four-wing saltbush	(<i>Atriplex canescens</i>)
shadscale	(<i>Atriplex confertifolia</i>)
Gardner's saltbush	(<i>Atriplex gardneri</i>)
green molly	(<i>Bassia americana</i> syn. <i>K. americana</i>)
green rabbitbrush	(<i>Chrysothamnus linifolius</i> syn <i>C. viscidiflorus</i> ssp. <i>linifolius</i>)
<u>rubber rabbitbrush*</u>	<u>(<i>Ericameria nauseosa</i> ssp. <i>hololeucasyn.C.</i> <i>nauseosus</i> ssp. <i>Hololeucus</i> OR <i>Eracameria nauseosa</i> ssp. <i>nauseosa</i> var. <i>speciosa</i> syn. <i>C. nauseosus</i> ssp. <i>albicaulis</i>)</u>
spiny hopsage	(<i>Grayia spinosa</i>)
winterfat	(<i>Krascheninnikovia lanata</i>)
bud sagebrush	(<i>Picrothamnus spinescens</i> syn. <i>A.</i> <i>spinescens</i>)

Underlined species have uncertainty about adaptability to the Jonah Field area (the Jonah sits on the ppt zone transition between 7-9 and 10-14).

References:

Wyoming Plant Materials Technical Note #3, 4/19/06,
<ftp://ftp-fc.sc.egov.usda.gov/WY/Plant%20Materials/wypm3.pdf>

Wyoming Plant Materials Technical Note #13, 9/02,
<ftp://ftpfc.sc.egov.usda.gov/WY/Plant%20Materials/wypm13.pdf>

PLANTS database, <http://plants.usda.gov/>

Ecological Site Descriptions for the 7-9 Green River & Great Divide Basins and 10-14 Foothills and Basins West Ecological Zones, NRCS – DRAFT,
<http://efotg.nrcs.usda.gov/treemenuFS.aspx>

Upper Green River Sage Grouse Local Working Group Seed Mix Guidelines, 6/06 – DRAFT. (See Aimee Davison for a more current or final version)

BLM's Suggested Seeding Mixes for the Jonah Field, 5/05 – DRAFT. (See BLM staff for a more current or final version)

Granite Seed Company, <http://www.graniteseed.com>

Wind River Seed Inc., <http://www.windriverseed.com>