

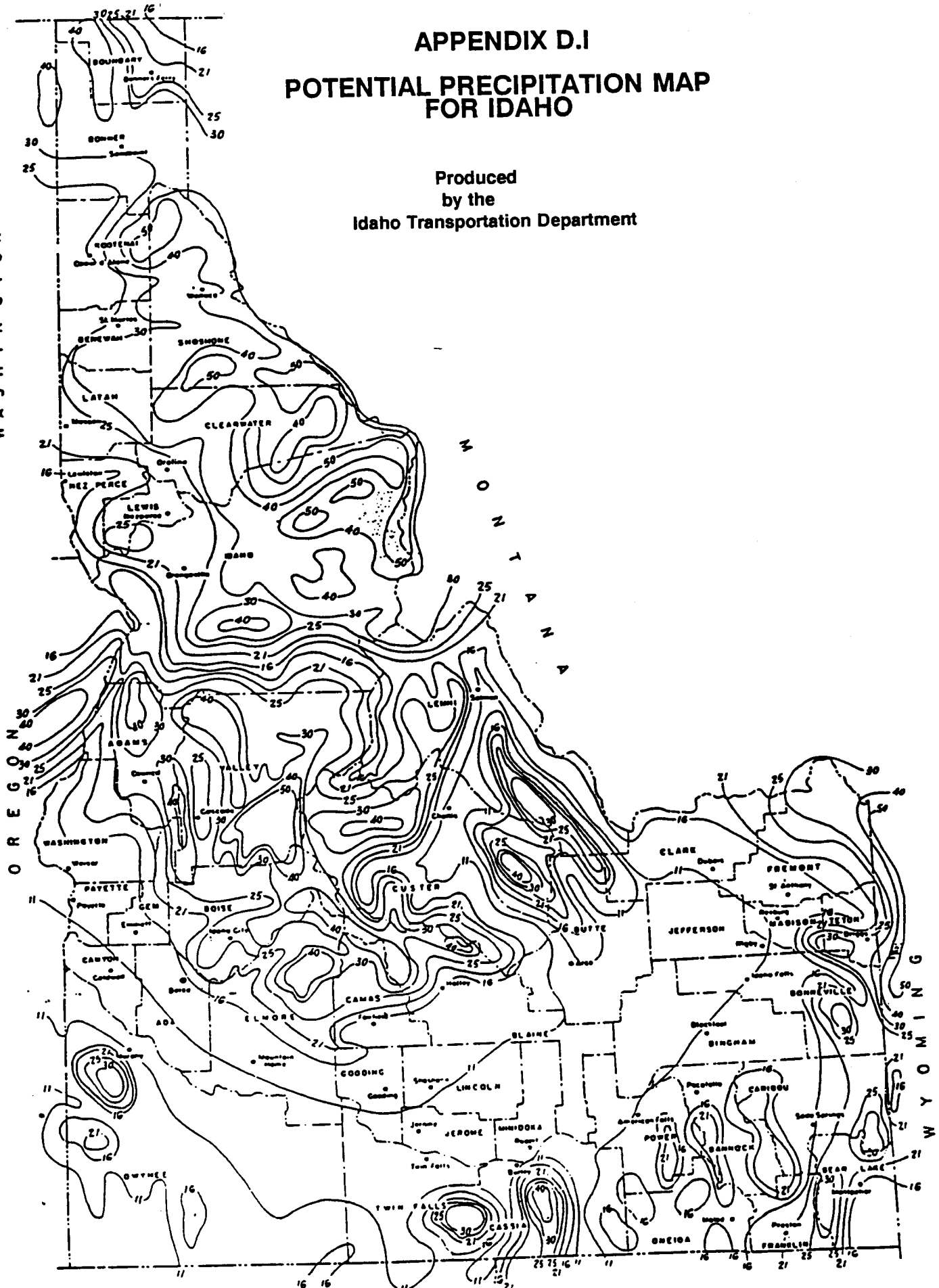
CANADA

APPENDIX D.I

POTENTIAL PRECIPITATION MAP FOR IDAHO

Produced
by the
Idaho Transportation Department

WASHINGTON



OREGON

MONTANA

WYOMING

NEVADA

UTAH

APPENDIX D.II

POTENTIAL PLANT SPECIES FOR RECLAIMING DISTURBED SITES

Produced by Ben Albrechtsen
U.S. Forest Service Region 4 Reclamation Specialist

SPECIES FOR SALT DESERT SHRUB AREAS - 6-10" PRECIPITATION

GRASSES

<u>Common Name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Indian ricegrass	Oryzopsis hymenoides	
Needle and threadgrass	Stipa comata	
Desert Wheatgrass	Agropyron desertorum	Standard
Squirrel tail	Sitanion hystrix	
Galleta grass	Hilaria jamesii	

FORBS

<u>Common name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Small burnet	Sanguisorba minor	
Gooseberry globemallow	Sphaeralcea grossulariaefolia	
Prostrate summercress	Kochia prostrata	
Palmer penstemon	Penstemon palmeria	
Utah vetch	Hedysarum boreale	Utahensis

SHRUBS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Shadscale	Atriplex confertifolia	
Fourwing saltbrush	Atriplex canescens	
Nuttal saltbrush	Atriplex nuttallii	
Winterfat	Ceratoides lanata	
Spiney hopsage	Grayia spinosa	
White burr sage	Franseria drumosa	

SPECIES FOR SAGEBRUSH-FOOTHILL AREAS - 10-13" PRECIPITATION

GRASSES

<u>Common Name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Crested Wheatgrass	Agropyron cristatum	Fairway, Ephraim
Pubescent wheatgrass	Agropyron trichophorum	
Intermediate wheatgrass	Agropyron intermedium	
Streambank wheatgrass	Agropyron riparium	
Western wheatgrass	Agropyron smithii	
Bluebunch wheatgrass	Agropyron spicatum	
Thickspike wheatgrass	Agropyron dasystachyum	
Indian ricegrass	Oryzopsis hymenoides	
Squirrel tail	Sitanion hystrix	
Needle and threadgrass	Stipa comata	
Sheep fescue	Festuca ovina	Durar

FORBS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Small burnet	Sanguisorba minor	
Western yarrow	Achillea millefolium	
Palmer penstemon	Penstemon palmeri	
Utah vetch	Hedysarum boreale	Utahensis
Cicer milkvetch	Astragalus cicer	
Alfalfa	Meticago sativa	Nomad or Ladak
Yellow sweetclover	Melilotus officinalis	
Lewis flax	Linum lewisii	
Silver sage	Artemisia frigida	
Sulfur buckwheat	Eriogonum umbellatum	

SHRUBS

Blacksage	Artemisia nova	
Low sage	Artemisia arbuscula	
Wyoming big sagebrush	Artemisia tridentata	Wyomingensis
Mountain big sagebrush	Artemisia tridentata	Vaseyana
Tarragon	Artemisia dracunculus	
Rabbitbrush	Chrysothamnus vicidiflorus	
Fourwing saltbrush	Atriplex canescens	
Winterfat	Ceratoides lanata	
Curleaf mahogany	Cercocarpus ledifolius	
Mountain mahogany	Cercocarpus montanus	

**SPECIES FOR SAGEBRUSH/PINYON-JUNIPER/MOUNTAINBRUSH AREA
13-18" PRECIPITATION**

GRASSES

<u>Common Name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Intermediate wheatgrass	Agropyron intermedium	
Pubescent wheatgrass	Agropyron trichophorum	
Bluebunch wheatgrass	Agropyron spicatum	
Western wheatgrass	Agropyron smithii	
Streambank wheatgrass	Agropyron riparium	
Crested wheatgrass	Agropyron cristatum	Ephraim, Fairway
Basin wildrye	Elymus cinereus	
Sheep fescue	Festuca ovina	Durar
Thurbers fescue	Festuca thurberi	
Indian ricegrass	Oryzopsis hymenoides	
Big bluegrass	Poa ampla	
Canada bluegrass	Poa compressa	
Canby bluegrass	Poa canbyi	
Sandberg bluegrass	Poa secunda	
Smooth brome	Bromas inermis	
Needle and threadgrass	Stipa comata	
Columbia needlegrass	Stipa columbiana	
Prairie junegrass	Koleria cristata	
Tufted hairgrass	Deschampsia caespitosa	
Orchard grass	Dactylis glomerata	Piaute

FORBS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Alfalfa	Meticago sativa	
Cicer milkvetch	Astragus cicer	
Utah vetch	Hedysarum boreale	Utahensis
Small burnet	Sanguisorba minor	
Western yarrow	Achillea millifolia	
Lewis flax	Linum lewisii	
Sulfur buckwheat	Eriogonum umbellatum	
California buckwheat	Eriogonum pacifica	
Sanfoin	Onobrychis viciafolium	
Palmer penstemon	Penstemon palmeri	
Aster	Aster adscendens	
Geranium	Geranium richardsonii	
Yellow sweetclover	Mellilotus officianalis	
Clematis	Clematis ligusticifolia	

D2-C

**SPECIES FOR SAGEBRUSH/PINYON-JUNIPER/MOUNTAINBRUSH AREA
13-18" PRECIPITATION**

SHRUBS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Desert bitterbrush	Purshia glandulosa	
Bitterbrush	Purshia tridentata	
Cliffrose	Corvania mexicana	
Elderberry	Sambucus cerulea	
Prostrate Summercress	Kochia prostrata	
Mountain mahogany	Cercocarpus montanus	
Curlleaf mahogany	Cercocarpus ledifolius	
Sagebrush	Artemisia tridentata	Wyomingensis or vaseyana
Blacksage	Artemisia nova	
Lowsage	Artemisia arbuscula	
Tarragon	Artemisia drucunculus	
Fourwing saltbrush	Atriplex canescens	
Winterfat	Ceratoides lanata	
Serviceberry	Amelanchier alnifolia	
Gooseberry	Ribes velutinum	
Mountain snowberry	Symphoricarpus oreophilus	
Woods rose	Rosa woodsii	

SPECIES FOR UPPER MOUNTAIN ELEVATIONS - 19-25" PRECIPITATION

GRASSES

<u>Common Name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Smooth brome	Bromus inermis	
Mountain brome	Bromus marginatus	
Meadow fescue	Festuca elatior	
Tall fescue	Festuca arundinacea	
Sheep fescue	Festuca ovina	Durar
Tall oat grass	Arrhenatherum elatius	
Intermediate wheatgrass	Agropyron intermedium	
Pubescent wheatgrass	Agropyron pubescens	
Western wheatgrass	Agropyron smithii	
Orchard grass	Dactylis glomerata	
Timothy	Phleum pratense	
Idaho fescue	Festuca idahoensis	
Kentucky bluegrass	Poa pratensis	
Big bluegrass	Poa ampla	
Canada bluegrass	Poa compressa	
Sandberg bluegrass	Poa secunda	

FORBS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Alfalfa	Medicago sativa	Ladak or Nomad
Cicer milkvetch	Astragalus cicer	
Utah vetch	Hedysarum boreale	Utahensis
Western yarrow	Achillea milliflora	
Small burnet	Sanguisorba minor	
Mountain lupine	lupinus alpestris	
Silvery lupine	Lupinus argenteus	
Palmer Penstemon	Penstemon palmeri	
Utah Penstemon	Penstemon utahensis	
Rocky mountain penstemon	Penstemon strictus	
Sanfoin	Onobrychis vicidiflorum	
Pacific aster	Aster adscendens	
Strawberry	Frageria virginiana	
Crown vetch	Cornoilla varia	
Alpine leafy bract aster	Aster foliaceus	
White dutch clover	Trifolium repens	
Red clover	Trifolium pratense	

SPECIES FOR UPPER MOUNTAIN ELEVATIONS - 19-25" PRECIPITATION

SHRUBS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Variety/Cultivar</u>
Raspberry	Rubus idaeus	
Snowberry	Symphoricarpus oreophilus	
Bush cinquefoil	Potentilla fruticosa	
Chokecherry	Prunus virginiana	
Elderberry	Sambucus cerulea	
Mountain big sagebrush	Artemisia tridentata	vaseyana
Serviceberry	Amalanchier alnifolia	
Silver sage	Artemisia cana	visidula
Louisiana sage	Artemisia ludoviciana	
Currant	Ribes lacustre	
Woods Rose	Rosa woodsii	
Willow	Salix spp. (local)	

**APPENDIX D.III
SEED SUPPLIERS**

Bitterroot Native Growers
445 Quast Lane
Corvallis, Montana 59828
Telephone: (406) 961-4991
Fax: (406) 961-4873

Foulger Seed Company
6950 S. 400 W. #1
Midvale, Utah 84047
Telephone: (801)255-1131

Granite Seed
P.O. Box 177
Lehi, Utah 84043
Telephone (801) 283-6639
Fax: (801) 768-3967

Intermountain Seed Co.
P.O. Box 62
Ephraim, Utah 84627
Telephone: (801) 283-4383

Kester's Wild Game Food Nurseries
P.O. Box 516
Omro, Wisconsin 54963
Telephone: (414) 685-2929

Maple Leaf Industries
480 South 50 East
Ephraim, Utah 84627
Telephone: (801) 283-4701

Plant Genetics, Inc.
1918 South Middleton Rd.
Nampa, Idaho 83686
Telephone: (208) 466-0829

Sharp Brothers Seed Co.
101 East Fourth Street Rd.
Greeley, Colorado 80631
Telephone: (303) 356-4710

Stevenson Intermountain Seed
P.O. Box 2
Ephraim, Utah 84627
Telephone: (801) 768-4422

Union Seed Co.
P.O. Box 339
Nampa, Idaho 83653
Telephone: (208) 466-3568

Westland Seed, Inc
1308 Round Butte Road
Ronan, Montana 59864
Telephone: (406) 676-4100

Davenport Seed Corporation
1404 Fourth Street
Davenport, Washington 99122
Telephone (509)725-7015

APPENDIX D.IV

EROSION CONTROL AND SOIL STABILIZATION PRODUCTS

American Excelsior Company
350 North Redwood
Salt Lake City, Utah 84054
Telephone: (801) 292-6060

American Excelsior Company
609 South Front Street
Yakima, Washington 98901
Telephone: (509) 575-5794

Spokane Culvert Company
4778 Dorman
Boise, Idaho 83705
Telephone: (208) 344-2570

Terra Enterprises
P.O. Box 9485
Moscow, Idaho 83843
Telephone: (208) 882-9489

North American Green, Boise Distr.
Water and Wastewater Equipment
5200 Bethel
Boise, Idaho 83707
Telephone: (208) 377-0440
Fax: (208) 377-0493