



PLANT LIST

Water-Wise Trees and Shrubs for the High Plains

By Steve Scott, Cheyenne Botanic Gardens Horticulturist
03302004 © Cheyenne Botanic Gardens 2003
710 S. Lions Park Dr., Cheyenne WY, 82001 www.botanic.org

The following is a list of suitable water-wise trees and shrubs that are suitable for water-wise landscaping also known as xeriscapes. Many of these plants may suffer if they are placed in areas receiving more than $\frac{3}{4}$ of an inch of water per week in summer.

Even drought tolerant trees and shrubs are doomed to failure if grasses or weeds are growing directly under and around the plant, especially during the first few years. It is best to practice tillage, hoeing, hand pulling or an approved herbicide to kill all competing vegetation for the first five to eight years of establishment. Avoid sweetening the planting hole with manure or compost. If the soil needs improvement, improve the whole area, not just the planting hole. Trees and shrubs generally do best well with no amendments.

Many of the plants listed here are not available in department type stores. Your best bets for finding these plants will be in local nurseries- shop your hometown first! Take this list with you. Encourage nurseries and landscapers to carry these plants!

For more information on any of these plants please contact the Cheyenne Botanic Gardens (307-637-6458), the Cheyenne Forestry Department (307-637-6428) or your favorite local nursery.

CODE KEY- The code key below will assist you in selecting for appropriate characteristics.

- C - This plant is susceptible to iron deficiencies in our soil. This is seen when the new growth yellows. Add iron at recommended rates when this happens.
- F - This plant displays colorful leaves in the fall.
- G - This plant is best used as a ground cover.
- N - This plant is native to our area and is ideal for drier areas, however, it is susceptible to overwatering after establishment.
- S - This plant can tolerate growing in some shade.
- Sh - This plant, when mature, is a good shade tree.
- W - This plant has fruits or flowers that attract wildlife.
- Wi- This plant provides good winter interest.

SHRUBS, BROADLEAF

Botanical Name	Common Name	Code
<i>Acer grandidentatum</i>	Big-tooth Maple	F
<i>Amelanchier alnifolia</i>	Serviceberry or Saskatoon	C, S, W, N, F
<i>Amelanchier utahensis</i>	Utah Serviceberry	W, N
<i>Amorpha canescens</i>	Leadplant	N,
<i>Artemisia tridentata</i>	Big Western Sage	N, Wi
<i>Atriplex</i> spp.	Saltbush	N, W, Wi
<i>Buddleja alternifolia</i>	Fountain Butterfly Bush	W
<i>Caragana</i> spp.	Peashrub	W
<i>Caryopteris x incana</i>	Dark Knight Spirea	W

SHRUBS, BROADLEAF continued

Botanical Name	Common Name	Code
<i>Ceanothus fendleri</i>	Buckbrush	N, W, G
<i>Ceratoides lanata</i>	Winter Fat	N, W
<i>Cercocarpus ledifolius</i>	Curl Leaf Mountain Mahogany	N, Wi
<i>Cercocarpus montanus</i>	True Mountain Mahogany	N
<i>Chamaebatiaria millefolium</i>	Fernbush	N, Wi
<i>Chrysothamnus</i> spp.	Rabbitbrush	N, Wi
<i>Cowania</i> spp.	Cliffrose	N
<i>Cytisus purgans</i>	Broom Plant	Wi
<i>Ephedra viridis</i>	Mormon Tea	N, W, Wi
<i>Fallugia paradoxa</i>	Apache Plume	N, Wi
<i>Forestiera neomexicana</i>	New Mexico Privet	N, W
<i>Fraxinus anomala</i>	Singleleaf Ash	N
<i>Hippophae rhamnoides</i>	Sea Buckthorn	W
<i>Holodiscus dumosus</i>	Rock Spirea	N, F
<i>Jamesia Americana</i>	Waxflower	N, F
<i>Lonicera utahensis</i>	Utah Honeysuckle	N, W
<i>Perovskia atriplicifolia</i>	Russian Sage	W
<i>Philadelphus lewisii</i>	Lewis Mock Orange	N
<i>Physocarpus monogynus</i>	Mountain Ninebark	N, F, S
<i>Prunus Americana</i>	American Plum	C, N, F, W
<i>Prunus besseyi</i>	Western Sand Cherry	C, N, F, W
<i>Ptelea trifoliata</i>	Wafer Ash, Hop Tree	F
<i>Quercus gambellii</i>	Gambel Oak	F, N, W
<i>Rhus glabra cismontana</i>	Rocky Mountain Sumac	F, N
<i>Rhus trilobata</i>	Three Leaf Sumac	F, N, W
<i>Ribes aureum</i>	Golden Currant	N, W
<i>Ribes cereum</i>	Wax Currant	N, W
<i>Ribes odoratum</i>	Clove Currant	N, W
<i>Robinia neomexicana</i>	New Mexico Locust	N
<i>Rosa foetida</i> 'Persiana'	Persian Yellow Rose	W
<i>Rosa woodsii</i>	Wood's Rose	N, W, S
<i>Shepherdia argentea</i>	Silver Buffaloberry	N, W,
<i>Shepherdia rotundifolia</i>	Roundleaf Buffaloberry	N, W

SHRUBS, EVERGREEN

Botanical Name	Common Name	Code
<i>Artemisia tridentata</i>	Big Western Sage	N, Wi
<i>Atriplex</i> spp.	Saltbush – Four wing	N, W, Wi
<i>Cercocarpus ledifolius</i>	Curl Leaf Mountain Mahogany	N, Wi
<i>Chrysothamnus</i> spp.	Rabbitbrush	N, Wi
<i>Juniperus chinensis</i>	Pfitzer Juniper	D, Wi
<i>Juniperus communis</i>	Common Juniper	N, Wi
<i>Juniperus horizontalis</i>	Groundcover Junipers	G, Wi
<i>Juniperus Sabina</i>	Savin / broadmoor Juniper	Wi
<i>Juniperus scopulorum</i>	Table Top Blue	N, Wi
<i>Mahonia haematocarpa</i>	Desert Holly	N, Sh, W, Wi
<i>Pinus mugo</i>	Mugo Pine	Wi
<i>Yucca glauca</i>	Soapweed	N, Wi

TREES, EVERGREEN

Botanical Name	Common Name	Code
<i>Juniperus monosperma</i>	Oneseed Juniper	N, W, Wi
<i>Juniperus osteosperma</i>	Utah Juniper	N, W, Wi
<i>Juniperus scopulorum</i>	Rocky Mountain Juniper	N, W, Wi
<i>Juniperus virginiana</i>	Eastern Red Cedar	Wi
<i>Pinus aristata</i>	Bristlecone Pine	N, Wi
<i>Pinus edulis</i>	Pinyon Pine	N, W, Wi
<i>Pinus flexilis</i>	Limber Pine	N, Wi
<i>Pinus nigra</i>	Austrian Pine	Wi
<i>Pinus strobiformis</i>	Southwestern White Pine	N, Wi
<i>Pinus ponderosa</i>	Ponderosa Pine	N, Wi

TREES, BROADLEAF

Botanical Name	Common Name	Code
<i>Acer tataricum</i>	Tatarian Maple	C, F
<i>Celtis occidentalis</i>	Hackberry	Sh, N
<i>Crataegus ambigua</i>	Russian Hawthorn	W, F
<i>Crataegus crusgalli</i>	Cockspur Hawthorn	W, F
<i>Elaeagnus angustifolia</i>	Russian Olive	W
<i>Gymnocladus dioica</i>	Kentucky Coffee Tree	Sh
<i>Quercus macrocarpa</i>	Burr Oak	Sh, F, W