

Pleasant Avenue Nursery, Inc.

506 S. Pleasant Avenue, PO Box 1669

Buena Vista, Colorado 81211-1669

(719) 395-6955, Fax (719) 395-5718

E-mail pan@amigo.net

www.pleasantavenuenursery.com

High Elevation Tree and Shrub Guide

Use with our current price list.

Award winning native trees, shrubs and perennials for landscaping and reclamation.

Since 1972, Colorado's premier grower of mountain plant species.

Jim and Gary Ludwig have been propagating and growing nursery stock at Buena Vista since 1972, when Pleasant Avenue Nursery was established.

Buena Vista, Colorado is located in the upper Arkansas River valley at an elevation of 8,000 feet. The climate is rather mild for that elevation, semi-arid with an annual precipitation of only 10 to 11 inches, characterized by dry, open winters. Buena Vista is immediately accessible to the increasing populations of the Colorado high country, and near the population centers at Woodland Park, Leadville, Aspen, Vail, Salida, Crested Butte and Summit County.

Originally targeting its efforts toward high altitude reclamation with native species, the nursery quickly expanded to providing a full range of plant material for gardening, landscaping and reclamation in the high country. Today, the nursery supplies plants to retailers, municipalities, landscapers and gardeners throughout the inter mountain area. In 1988, the Colorado Mined Land Reclamation Board presented Gary with an award for supplying outstanding native plants for reclamation.

The original emphasis on native species continues because natives are often the only species that will survive in the harsh climate of the high elevation. This guide focuses on the trees and shrubs we have been able to grow and use in the wide variation of microclimates common to this area. It also contains interesting native plants that we feel may be valuable, but that we either cannot or do not have in production. The guide does not include species common to the horticultural trade which will not survive at Buena Vista.

The years of experience propagating, growing, gardening and designing landscapes has provided an insight into the use of native and apt species in the high country. This "High Elevation Tree and Shrub Guide" is an attempt to share our knowledge and contribute to your success in difficult environments.

Plant identification and scientific nomenclature were provided by William A. Weber, F.L.S., Professor and Curator Emeritus, Herbarium COLO. Previous and more commonly used names are included in parenthesis to assist in plant selection. If you search the common names online you will be able to find photos of almost all varieties listed.

A Note About the Deer

Our recommendation of deer resistance is determined by our experience in Chaffee County. We can not guarantee that the deer will not eat or damage your plants. The deer will eat almost anything if they are hungry enough. We have used many repellants and found them to be marginally successful. We have also found that the only sure way to prevent deer damage is to protect your plants with a physical barrier like a fence. **Damage to trees when the deer rub their antlers can be devastating. If your tree is not killed, it will take a damaged tree 3-5 years to recover from this type of damage. Please protect your trees from this type of damage with a fence type deer guard.**

JUNIPERS

The junipers that we sell are bought from a nursery in Canon City. They are acclimated to our dry climate. There are many different varieties of "spreaders", but we have chosen these 6 to give a broad selection of sizes and colors. Other named varieties may be available upon request. They are listed tallest to smallest. In Chaffee County we have discovered that all junipers benefit from a burlap cover for the first winter after planting. This helps protect them from sunburn and the cold dry winds that can desiccate them. You do not need to cover them after the first winter unless you want to protect them from deer browsing. Burlap is available at the nursery in the fall.

Juniperus chinensis "Sea Green" - **Sea Green Juniper**

This junipers is valuable as a large evergreen shrub. The upright spreading form can be controlled with shearing or select pruning. This juniper has **bright green** foliage. This variety of juniper is closely related to the pfitzer junipers which also do well in Chaffee County.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 6'	9,000'	Medium to Dry	Sun to Shade	Somewhat

Juniperus sabina "Tamariscifolia" - **Tammy Juniper**

The Tammy juniper is probably the most common spreading juniper used for landscaping. It has **deep green** foliage and a self controlled mounding form. Once established can be quite drought tolerant.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
3' x 6'	9,000'	Medium to Dry	Sun to Shade	Somewhat

Juniperus sabina "Broadmoor" - **Broadmoor Juniper**

Broadmoor junipers have a mounding form and **bright green** leaves. If the Tammy is too big at 3' the Broadmoor is similar but not so big.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
12" x 5'	9,000'	Medium to Dry	Sun to Shade	Somewhat

Juniperus sabina "Buffalo" - **Buffalo Juniper**

The Buffalo juniper is the juniper that has worked better at higher elevations. They have been planted in Leadville and I hear reports of them holding up well there. It has **bright green** foliage and a wide spreading form.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
12" x 6'	9,500'	Medium to Dry	Sun to Shade	Somewhat

Juniperus horizontalis "Blue Chip" - **Blue Chip Juniper**

The BlueChip Juniper is a low growing spreader with **blue** foliage. Its short branches stand up vertically , but the overall form is low growing and spreading.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
10" x 5'	9,000'	Medium to Dry	Sun to Shade	Somewhat

Juniperus horizontalis "Bar Harbor" - **Bar Harbor Juniper**

The Broadmoor Juniper is a low growing spreader with **blue-green** foliage. This plant will creep over a wall and hang down or will give that flat evergreen element in uniquely designed landscapes.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4" x 5'	9,000'	Medium to Dry	Sun to Shade	Somewhat

EVERGREEN TREES

Juniperus scopulorum - Rocky Mountain Juniper

Often referred to as "Cedar", this juniper is commonly found growing with Pinon Pines. It is variable in form when propagated from seed, colors range from dark green to yellow green to blue and forms from rounded to upright or very narrow. The plants that we sell are raised from seed and exhibit this variability. Special cultivated varieties are available. These junipers need to be covered with burlap for the first winter in Chaffee County. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
15-20' x 5-15'	9,000'	Dry	Sun	No

CULTIVARS OF ROCKY MOUNTAIN JUNIPER

These cultivated varieties are common in the nursery trade and may be available upon request. We are careful to only choose *J. scopulorum* varieties because they are the hardiest. They will be purchased from other Colorado nurseries when available.

Cologreen - Rich forest green in color, compact conical form - 15'H x 5'W

Gray Gleam - Silver-gray foliage on a upright form - 15'H x 8-10'W

Moonglow - Bright silver blue color columnar to slightly conical form - 20'H x 5'W

Wichita Blue - Silver-blue foliage, pyramidal form - 20'H x 4-6'W

Picea pungens - Colorado Spruce

Spruce from seed are variable in color, ranging from shiny blue to dark green. The strong conical form is well known. Colorado Spruce are used throughout the world in landscaping. Plant at least 15 feet from walks or buildings. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
70' x 25'	10,500'	High to Med	Sun to Shade	Yes

Pinus aristata - Bristlecone Pine

This small tree is famous for its longevity, and is sometimes called the "Foxtail Pine". Dark green color and irregular form are its positive virtues. May be used in small yards as a specimen where Spruce or Ponderosa Pine would be too large. Very slow growing. Bristlecone Pines have small flecks of pitch on their needles. Look closely at your Bristlecone if you think it has an insect infestation, it's probably pitch. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
30' x 15'	11,000'	Medium to Dry	Sun to Part Shade	No

Pinus contorta var. *latifolia* - Lodgepole Pine

When removed from the close confines of natural stands this pine fills out a pyramidal form that is quite attractive. We've found it difficult to transplant so large sizes are rarely available. Medium length needles and cones that remain on the tree for years are identifying characteristics. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
50' x 20'	10,500'	Medium to Dry	Sun to Part Shade	No

Pinus edulis - **Pinon Pine**

One of the most drought tolerant native pines, found in and near desert environments. Short needles, small cones, edible seeds and an irregular rounded form on this slow growing, small tree. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
20' x 15'	9,000'	Dry	Sun	No

Pinus flexilis - **Limber Pine**

The blue-green color of the medium length needles give this tree an interesting appearance. Silver bark on the flexible younger branches allow this tree to be identified from a distance. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
50' x 20'	10,000'	Medium to Dry	Sun	No

Pinus mugo mughus - **Mugho Pine**

A shrub-like pine with irregular form, but usually kept compact by pruning. A southern exposure out of winter wind is generally recommended. We sell plants that are purchased from other Colorado nurseries upon request. A burlap covering for the first winter may help these evergreens become acclimated.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
3-6' x 6'	10,000'	Medium to Dry	Sun	No

Pinus ponderosa - **Ponderosa Pine**

Our native "yellow pine" has long needles and large cones. This very large tree is tolerant to dry environments but still needs monthly watering to keep it healthy. Leave plenty of room for this tree in your landscape. Beautiful red bark with ridges and long needles make this plant easy to identify from a distance. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
80' x 35'	10,000'	Medium to Dry	Sun	No

Pseudotsuga menziesii - **Douglas Fir**

Commonly found at the same elevation as *P. ponderosa* but in the more moist locations such as north facing slopes. The fine texture of the foliage gives this large tree a "soft" appearance. This plant is the alternate host for the spruce gall adelgid which disfigures the tips of spruce branches. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
70' x 25'	10,500'	High to Med	Sun/Shade	No

DECIDUOUS TREES

Crataegus ambigua- **Russian Hawthorn**

This small tree has finely cut foliage that is dark green. The clusters of small white flowers are quite numerous and followed by small red fruits that hang on into the winter. *We usually only make this plant available on special request.*

Size (HxW)	Upper Elev. Limit	Water Needs	Sun to Part Shade	Deer Resistant
20' x 15'	8,500'	High	Sun	No

Crataegus x mordenensis "Toba" - **Toba Hawthorn**

The Toba Hawthorn is a very nice decorative tree with clusters of fragrant white flowers that age to pink. The orange to golden bark is also quite decorative.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
15' x 10'	8,500'	High	Sun	No

Fraxinus americana "Autumn Purple" - **Autumn Purple Ash**

This tree has gray bark and dark green foliage which turns orange/red/purple in the fall. This fall color is it's most outstanding trait. Surprisingly it has held up well at 8,000 feet elevation

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
50' x 40'	8,500'	High	Sun	No

Fraxinus nigra - **Black Ash**

This tree has gray-white bark and bright green foliage. We have grown this small tree in our nursery for many years. It has yellow fall color. We have used a popular variety called "Fall Gold" because it does have golden foliage.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
40' x 30'	8,500'	High	Sun	No

Fraxinus pensylvanica - **Green Ash**

This tree has gray bark and bright green foliage. We have use a cold hardy, seedless variety called "Patmore" for many years with success in Buena Vista.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
60' x 40'	8,500'	High	Sun	No

Malus "Brandywine" - **Brandywine Flowering Crabapple**

This tree has green foliage and gray bark. The form is broad spreading to rounded. The very attractive double pink blooms are followed by inch & a half yellow fruit. *We usually only make this plant available on special request.*

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
20' x 25'	8,500'	High	Sun	No

Malus "Dolgo" - **Dolgo Flowering Crabapple**

Green foliage and golden bark are very nice on this beautiful white flowering crab. The bright red 1" apples of this tree are very decorative and can be used for pickling or for crabapple jelly. Upright spreading form.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
20' x 20'	9,000'	High	Sun	No

Malus "Radiant" - **Radiant Flowering Crabapple**

One of the hardiest varieties of crabapple that we've experimented with. Foliage that opens light red and turns green as it matures. Deep pink blooms are followed by bright red fruits. The apples on this tree hang on into the winter and are an important winter food source for birds. The form is spreading and rounded.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
15' x 20'	9,000'	High	Sun	No

Malus "Spring Snow" - **Spring Snow Flowering Crabapple**

Snow white sterile flowers will not produce fruit. Blooms profusely every year. Foliage is bright green and bark is golden. The form on this tree is more upright than Radiant or Royalty Crabs

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
20' x 20'	9,000'	High	Sun	No

Malus "Royalty" - **Royalty Flowering Crabapple**

Maroon foliage that maintains its dark color throughout the season. The dark bark is also quite attractive. Dark red flowers followed by small dark red fruit which persists into winter. Rounded spreading form.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
20' x 20'	9,000'	High	Sun	No

Malus "Red Baron" - **Red Baron Flowering Crabapple**

Dark Green foliage and dark bark is similar to the Radiant Crab. Dark red flowers followed by small dark red fruit which persists into winter. The form of this tree is narrow and upright when young and then becomes more upright spreading as it matures.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
20' x 15'	9,000'	High	Sun	No

Poplars and Cottonwoods bear their seeds in the pesky cotton that is a nuisance. The male trees do not have cotton and we try to sell those trees that are male so the cotton is not a problem.

Populus acuminata - **Lanceleaf Poplar**

This tree is supposed to be a cross between narrowleaf cottonwood and plains cottonwood. Strict form and a spear head shaped leaf characterize this plant. This is a good substitute for Narrowleaf Cottonwood.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
75' x 35'	9,000'	High	Sun	No

Populus alba - **White Poplar**

This small poplar has foliage that is dark green on the top and fuzzy white on the underside. Poplars sucker quite freely.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
60' x 30'	9,000'	High	Sun	No

Populus angustifolia - **Narrowleaf Cottonwood**

Commonly found growing along irrigation ditches in the higher elevations. Willow-like leaves that are dark green in the summer and golden yellow in the fall. Male trees (cottonless) should always be planted so cotton like seeds are not a problem. This poplar suckers quite freely. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
75' x 40'	10,500'	High	Sun	No

Populus angustifolia - **"Twin Lakes" Cottonwood**

A local variety with shorter, broader leaves. It grows well in higher altitudes. Possibly a natural hybrid with *Populus balsamifera*. Cottonless, it is preferred over the common *angustifolia*. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
75' x 40'	10,500'	High	Sun	No

Populus balsamifera - **Balsam Poplar**

A smaller tree than Narrowleaf Cottonwood in form. This plant has slightly shorter leaves that are light green underneath. Long resinous buds emit a strong poplar scent, especially in Spring. This plant thrives at high altitudes. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
50' x 30'	10,500'	High	Sun	No

Populus deltoides ssp monilifera - **"Forest Square" Plains Cottonwood**

The round shape of the foliage gives this tree a more coarse texture than many of the other poplars. Certain subspecies are not as hardy as others. Give this tree plenty of room as it is the most broad spreading of all of the poplars. Our "Forest Square" variety has proven to work very well in BuenaVista. It was selected because it has consistently displayed extreme winter hardiness and does well in the wind. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
70' x 50'	9,000'	High	Sun	No

Populus tremuloides - **Quaking Aspen**

The common aspen that attracts attention each fall with its gold foliage. Small dark green round leaves that quake in the wind and white bark are attractive in the summer. This plant suckers freely and has soft bark that is easily damaged. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
60' x 25'	11,000'	High	Sun	No

***Prunus padus* - Mayday Tree or European Bird Cherry**

The Mayday tree is one of the earliest plants to leaf out in the Spring. White flowers in drooping racemes are followed by black berries. This small tree or large shrub needs protection from winter wind and may be damaged by late frosts. *We usually only make this plant available on special request.*

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
30' x 20'	8,500'	High	Sun	No

***Prunus virginiana melanocarpa "schubert"* - Canada Red Cherry**

This tree form chokecherry is continually changing throughout the season. Foliage changes from green to dark purple from Spring to late Summer. Pendulous clusters of white flowers are followed by chokecherries that are eaten by the birds. This plant will sucker from its base similar to some flowering crabs. *If used above 9,500 ft elevation it will only grow as a large shrub.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
25' x 20'	10,000' *	High	Sun	No

***Robinia neomexicana* - New Mexican Locust**

This small thorny tree reseeds and suckers freely. Light purple flowers in clusters are followed by fuzzy seed pods. With careful and yearly pruning when young it is possible to train this plant into a nice small tree. If left to grow without constant maintenance it will grow into a thorny impenetrable bramble. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
25' x 20'	9,000'	Medium	Sun	No

***Salix alba var. vitellina* - Golden Willow**

The gold-orange stems of this large spreading tree are visible on homesteads throughout the higher mountain communities. This fast growing tree has weak wood and must be planted where lots of water is available. Pruning this tree when young is very important in forming a strong tree. We no longer grow this tree to sell. Cuttings will root easily in water or moist soil. *We usually only have rooted cuttings of this tree available, if at all.*

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
60' x 40'	9,000'	High	Sun	No

***Salix fragilis* - Crack Willow**

This large tree is very similar in growth rate, form, and habit as the Golden Willow with even more fragile branches. Green branches, narrow leaves and deeply ridged older bark are identifying characteristics. *Even though this plant is common in Buena Vista, we no longer propagate and grow this plant.*

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
60' x 50'	9,000'	High	Sun	No

Shrubs

Acer ginalla - **Amur Maple**

Amur Maple is a small multi-stemmed tree or sometimes is grown as a large shrub. The small maple-shaped leaves turn red in the fall.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
20' x 12'	8,500'	Medium	Sun to Shade	No

Acer glabrum - **Rocky Mountain Maple**

A large shrub or small multi-stemmed tree with gray bark. Yellow fall color is most common. Twigs, buds, and leaf stalks are vivid red. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
15' x 12'	10,000'	Medium	Sun to Shade	No

Alnus incana, ssp. tenuifolia - **Thinleaf Alder**

A small multi-stemmed tree found along mountain streams that has attractive gray bark. Small pinecone shaped catkins persist into the winter. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
18' x 12'	10,500'	High	Sun to Shade	No

Amelanchier alnifolia - **Serviceberry**

The fragrant white flowers of this medium sized shrub are followed by edible berries. The bluish cast of the leaves is common among many natives. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
8' x 6'	10,000'	Medium	Sun to Part Shade	No

Amorpha fruticosa - **Indigobush**

A large shrub with spikes of purple flowers in mid-summer. Must be pruned to maintain a neat appearance. Dark green compound foliage gives this shrub a tropical appearance.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 6'	9,000'	Medium to Dry	Sun to Part Shade	No

Arctostaphylos adanotricha (uva-ursi) - **Kinnikinnick**

A low creeping groundcover with woody stems and dark green leathery leaves. This broadleaf evergreen is a common native that does best in areas with winter snowcover. Small urn shaped, white flowers are followed by red berries. Even though this plant is desirable it is tough to produce and very seldom available.

Colorado Native Plant

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4" x 4'	10,500'	Medium to Dry	Sun to Shade	Maybe

Aronia melanocarpa - **Black Chokeberry**

Early white flowers stand out above dark green, glossy leaves. This shrub has brilliant red fall color. Hardiness is no problem at 8,000 feet.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 6'	9,000'	Medium	Sun	No

Atriplex canescens - **Four-wing Saltbrush**

Light gray-green linear leaves cover this irregular plant. Winged seeds in the fall make it appear to be in bloom. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 4'	9,500'	Low	Sun	Yes

Berberis fendleri - **Fendler Barberry**

This native Barberry occurs naturally in the southwestern part of Colorado. Green leaves turn bright red in the fall. This is one of the few thorny plants that the deer don't like. Small yellow flowers don't show up much, but are followed by bright red berries. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 3'	9,000'	Low	Sun	Yes

Berberis thunbergii - **Red leaf Barberry**

We do not grow this plant in our nurseries, but it has been requested by many customers because of its deer resistance. It has proven to be hardy in Buena Vista. The bright red foliage is popular in formal landscapes. We sell "Rosy Glow" which has pink flecks in the red foliage. We bring this plant in from a wholesale nursery in Denver.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 3'	8,500'	Medium	Sun to Part Shade	Yes

Betula fontinalis - **River Birch**

The red-brown bark of this tall shrub or small multi stemmed tree help it stand out among other common stream side plants. This plant must have plenty of water and has yellow fall color. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
15' x 10'	10,000'	High	Sun to Shade	No

Betula glandulosa - **Bog Birch**

Often hiding amongst the alpine and subalpine willows, this plant stands out when its foliage turns bright orange to maroon in the fall. Small round leathery leaves are usually no bigger than a quarter.

Colorado Native Plant

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 4'	11,000'	High	Sun	No

Caragana arborescens - **Siberian Peashrub**

Bright green foliage and yellow pea-like flowers are attractive on this tall shrub. May be pruned into a small tree or sheared as a tall hedge. This is one of the few large shrubs that the deer don't like to eat. They may rub their antlers in the winter which can destroy larger branches. If this happens prune it back and it will regrow.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
10' x 6'	10,500'	Medium to Low	Sun to Part Shade	Yes

Caryopteris x clandonensis - **Blue Mist Spirea**

We started using Blue Mist Spirea in the 1990s and found that they are mostly hardy at 8,000 feet elevation. Bright blue flowers over the foliage in the late summer make this plant really stand out in the landscape. Many of the stems will die back in the winter so we recommend that you prune this plant back hard to encourage lots of new growth which will bear the flowers.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 6'	8,500'	Medium to Low	Sun	Yes

Ceanothus fendleri - **Buckbrush**

A spiny creeping shrub with attractive clusters of white flowers, requires a well drained soil. May spread aggressively in loose, fertile landscape soil. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
2' x 6'	10,500'	Low	Sun to Part Shade	Yes

Cerasus (Prunus) pumila ssp. besseyi - **Sandcherry**

This bush-cherry has green foliage with a slightly blue cast. The very showy white flowers clustered along the stems produce edible sour cherries.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
3' x 6'	8,500'	Medium	Sun	No

Cerasus (Prunus) tomentosa - **Nanking Cherry**

This ornamental cherry has light pink or white blossoms in early spring that are followed by small bright red cherries that are sour but tasty. Birds really go for these cherries. Because of its form and size this plant would work well as a natural fence. Fast rate of growth.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
8' x 6'	9,000'	High to Medium	Sun	No

Cercocarpus montanus - **True Mountain Mahogany**

An erect, stiff shrub that is a favorite browse of deer. Inconspicuous flowers are followed by corkscrew-like seeds. These fuzzy seeds persist into the winter and are attractive with the sun shining through them.

Colorado Native Plant

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 4'	10,000'	Low	Sun	No

Chrysothamnus nauseosus - **Rabbitbrush**

Very narrow bright green leaves along light green stems. Yellow masses of flowers in the fall color your landscape when other bloomers are finished for the season. We also grow the Dwarf Blue Rabbitbrush which is usually 1/2 the size and doesn't bloom as strong. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 4'	10,000'	Low	Sun	Yes

Cotoneaster lucida - **Peking Cotoneaster**

Even though many cotoneasters will grow at 8000', we have found this plant to be the best and most popular. Dark, shiny, leathery leaves turn bright red in the fall. Flowers are of no consequence and are followed by dark purple berries which are inedible. These berries hang on into the winter.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 4'	10,500'	Medium	Sun to Part Shade	No

Crataegus succulenta "coloradensis" - **Colorado Hawthorn**

A large spreading shrub or small tree when pruned, with clusters of white flowers followed by bright red berry-like haws. This attractive plant, although thorny, would be a fine small tree addition to any landscape.

Colorado Native Plant

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
15' x 10'	9,500'	Medium	Sun	No

Distegia (Lonicera) involucrata - **Twinberry Honeysuckle**

Two dark purple berries follow two yellow tubular flowers in midsummer on this erect shrub. This shrub is often found on streamsides and thrives at higher elevations. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 4'	11,000'	High to Medium	Sun to Shade	No

Krasheninnikovia (Ceratooides) lanata - **Winterfat**

A small upright shrub with gray-green foliage and attractive wooly appearance due to long white filaments attached to flowers and fruit. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
3' x 2'	11,000'	Low	Sun	Yes

Fallugia paradoxa - **Apache Plume**

The fine texture of the white twigs and green leaves make this plant a desirable specimen. The white flowers and fuzzy seed plumes are other characteristics that give this plant great potential. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
5' x 5'	11,000'	Low	Sun	Yes

Fendlera rupicola - **Fendlerbush**

Elliptical leaves are arranged oppositely along white barked stems. White 4-petaled flowers along all stems in early summer are attractive. Tolerant of desert conditions and might work as a drought tolerant hedge.

Colorado Native Plant

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
8' x 5'	9,000'	Low	Sun	No

Holodiscus dumosus - **Rock Spirea**

Commonly found on south facing slopes, Rock Spirea has plumes of creamy-white flowers over the top of the plant in midsummer. The seed heads that follow persist into the winter. All parts of this plant have a spicy scent when crushed. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 5'	10,500'	Medium to Low	Sun	Yes

Humulus lupulus neomexicanus - **Wild Hop Vine**

A rough, woody, clambering vine with palmately lobed leaves and papery fruits that follow clusters of green flowers. There is very little difference between this hops and the one used for flavoring beer. Yellow fall color.

Colorado Native Plant

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
1' Vine	10,500'	Medium	Sun to Part Shade	Yes

Jamesia americana - **Cliff Jamesia**

A slow growing shrub with white flowers in clusters above the foliage. This ideal specimen plant has leaves which are velvety and deeply veined. The foliage turns orange to deep red in the fall. Common in roadside rock outcroppings throughout Colorado. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 4'	10,500'	Low	Sun to Part Shade	Yes

Lonicera tatarica "Arnold's Red" - **Arnold's Red Honeysuckle**

This honeysuckle is resistant to the disfiguring honeysuckle aphid. Red flowers followed by red berries extend the decorative appearance of this large shrub. Use as a hedge or a specimen plant.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
10' x 6'	10,500'	High to Medium	Sun to Part Shade	No

Mahonia repens - **Oregon Grape**

This Barberry relative has short (4-6") spineless woody stems. The holly-like leaves are dark green in the summer and maroon in the fall and winter. Dark purple berries, follow yellow flowers, are edible and good for jelly. Does not do well in the floor of the Arkansas River Valley but is common in the western foothills. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
8" x 15"	10,500'	Medium to Low	Sun to Part Shade	Yes

Oreobatus (Rubus) deliciosus - **Thimbleberry or Boulder Raspberry**

Orange colored arching stems make this shrub a fine addition to the winter landscape. The abundant white rose-like flowers in summer are very attractive. Fruits that are more seed than pulp are edible but not too tasty. This is a valuable landscape plant. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
8' x 6'	10,000'	Medium to Low	Sun to Shade	Maybe

Padus (Prunus) virginiana - **Chokecherry**

The suckering habit of this tall shrub can be a problem in formal landscapes. White pendulous flower clusters change to small clusters of dark red edible cherries in late summer. These cherries are an important food of wildlife. Plant as a natural screen where moisture is available. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
15' x 8'	9,500'	High to Medium	Sun to Part Shade	Maybe

Parthenosis quinquefolia - **Woodbine or Virginia Creeper**

The red fall color of this climbing vine make this a popular plant throughout the West. The non-native *P. quinquefolia* has tendrils with adhesive disks that attach to walls, trees and fences. The native *P. inserta* has no adhesive disks at the ends of it's tendrils. *P. quinquefolia* is the plant that is commonly available.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
Vine	9,000'	Medium	Sun to Part Shade	Maybe

Pentaphylloides (Potentilla) floribunda (fruticosa) - **Shrubby Cinquefoil**

As long as adequate water is available this plant blooms continuously through the season. Bright yellow flowers cover this extremely valuable landscape plant. Although easy to grow it must be pruned regularly to keep it in form and flowering strongly. Prune off old seed heads yearly. There are many cultivated varieties that have different color flowers, most do well in replacement of the native. "Abbotswood" and "Mckay's White" have white flowers, "Gold Drop" has large golden yellow flowers, "Katherine Dykes" has pale yellow flowers. Pink Beauty has pink flowers that are the best late in the summer when the sun isn't quite so intense. Shrubby Cinquefoil is a **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 3'	10,500'	Medium	Sun to Part Shade	Yes

Peraphyllum ramosissimum - **Squaw Apple**

Even though this shrub occurs naturally in the southwest part of Colorado, we have found it to be hardy in Buena Vista. Light pink or white flowers resemble apple blossoms. The fruit is a nickel size, bitter, yellow or red apple.

Colorado Native Plant

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 6'	8,500'	Medium to Low	Sun	Maybe

Philadelphus microphyllus - **Littleleaf Mockorange**

The thin stems and small elliptical leaves of this plant give it a fine texture that is extremely pleasing in mass plantings. White, sweet scented flowers have four petals and smell like juicy fruit gum. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
5' x 4'	8,500'	Low	Sun	Yes

Physocarpus monogynus - **Mountain Ninebark**

The bark of this suckering shrub is continually shredding off of the stem, hence the name. Balls of small white flowers are quite decorative in the early summer and are followed by attractive brown seed pods in clusters. Does well on the north side of buildings. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 4'	10,000'	Medium	Sun to Shade	Maybe

Purshia stansburiana (Cowania mexicana) - **Cliffrose**

Light yellow 5-petaled flowers adorn this irregular shaped, desert shrub. This plant is difficult to containerize and is not very often available. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 4'	8,500'	Low	Sun	Yes

Purshia tridentata - **Antelope Bitterbrush**

The small blue-green leaves and gray stems along with heavy browsing usually hide this plant in the native landscape. Small light yellow flowers cover this plant in early summer. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
3' x 6'	9,000'	Low	Sun	No

Rhus aromatica ssp. trilobata - **Three Leaf Sumac**

The small three-part leaf of this sumac is quite different from other more well known sumacs. Inconspicuous, yellow flowers lead to bright red berries in late summer. The lemon-like flavor of these berries gives rise to the other common name "Lemonade Bush". Orange to deep maroon fall color. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 6'	9,000'	Low	Sun	Somewhat

Ribes sp. "Pixwell" - **Pixwell Gooseberry**

This gooseberry is a strong fruit producer. The dark green foliage and extreme hardiness make this an important landscape plant for our range. Thorns and thick growth make this plant good for barrier applications. Without preventive spraying the berries may have a small worm inside when they ripen. Very nice maroon fall color.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 4'	10,500'	Medium	Sun	No

Ribes sp. "Red Lake" - **Red Lake Currant**

The red currants produced by this plant are very tasty and useful for jams and jellies. This plant does very well at very high elevations, even in Leadville, Colorado.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 4'	10,500'	Medium	Sun	No

Ribes aureum - **Golden Currant**

Even though the small fruit of this plant is quite tasty. The real advantage of this hardy currant is its decorative value. Bright yellow tubular flowers in early spring and maroon fall color make this plant a versatile landscape plant. Deer seem to really like this plant. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 6'	10,500'	Medium	Sun to Part Shade	No

Ribes cereum - **Squaw Currant**

A common native currant usually found growing in the driest areas. The bright red currants that follow small pink flowers are edible yet quite tasteless. This currant along with gooseberry is one of the first to green-up in the spring. Its susceptibility to aphids and leaf rust make it less desirable as a landscape plant. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
5' x 5'	10,500'	Low	Sun to Part Shade	Yes

Ribes inerme - **Whitestem Gooseberry**

A prickly shrub with light colored arching branches that often will touch the ground and root forming another plant. Dark purple gooseberries are edible but small. Use in mass plantings or barrier plantings.

Colorado Native Plant

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 6'	10,500'	Medium	Sun to Shade	No

Rosa foetida "bicolor" - **Austrian Copper Rose**

A suckering shrub rose that requires little attention once established. Single flowers whose petals are orange-red above and yellow below. Quite decorative when in bloom, unfortunately the flowering period is short.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 5'	10,000'	High	Sun	No

Rosa glauca rubrifolia - **Red Leaf Rose**

This is a large shrub rose whose leaves are blueish-green. It has single pink flowers and many thorns.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
7' x 5'	9,000'	High	Sun	No

Rosa harrisoni - **Harrison's Rose**

Bright yellow, double flowers in early summer cover this plant completely. A very carefree shrub rose that will grow in full wind exposure. Prune the oldest gray colored wood at ground level each year to keep this plant from spreading out of bounds. The flowers are borne on old wood, so you should prune it after it is done flowering.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 5'	10,500'	High	Sun	No

Rosa rugosa - **Rugosa Roses**

Rugosa roses have large rough leaves, often die back to the crown in the winter in B.V., and bloom late in the summer at 8,000'. Once blooming starts it continues to frost. Flowers are fragrant and rose hips are usually large and bright orange. We have grown "Hansa" with dbl. reddish-violet flowers. "Alba" has white semi-dbl. flowers and a single flowering rugosa rose we call "St. Rose", has the same color as "Hansa".

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 4'	10,500'	High	Sun	No

Rosa woodsii - **Woods Rose**

This is the common wild rose with single pink flowers and vigorous suckering habit. This plant can spread beyond desired locations if not kept in check with pruning. Maroon to purple stems are attractive and red hips hang on into the winter. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 6'	10,500'	High to Med	Sun to Part Shade	Somewhat

Rubus idaeus, ssp melanolasius- **Wild Raspberry**

Dark green foliage that is silver below is attractive on this suckering plant of the subalpine. Valuable for erosion control and wild fruit. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
3' x 5'	11,000'	High to Med	Sun to Part Shade	Somewhat

Rubus parviflorum (Rubus parviflorus) - **Western Thimbleberry**

A suckering plant that flowers on 2nd year wood. White flowers and edible raspberry-like fruit. Without much snow cover stems will die back and flowers and fruit will be lacking. Very large angular leaves are attractive. This plant likes shade. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
3' x 5'	10,500'	High	Shade	No

Salix drummondiana "Bluestem" - **Bluestem Willow**

This species of high altitude willow has a waxy white coating on the maroon-purple new growth which gives the plant a bluish cast. Upright shrub willows are difficult to identify specifically. This plant is only recommended for moist sites. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
8' x 5'	10,500'	High	Sun	No

Salix brachycarpa - **Shortfruit Willow**

This common high elevation willow is one of those willows that the above timberline shrub community are made of. These thickets create cover for the small animals above timberline. It is not a fantastic landscape plant but we grow it a lot for reclamation above 11,000 feet. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 5'	12,000'	High	Sun	No

Salix planifolia - **Planeleaf Willow**

This willow is one that occurs naturally on Independence Pass in Central Colorado. It's new stems are red and it has a rounded form in the wild. Like all native willows used in the landscape, it should be pruned regularly and vigorously to keep those more decorative red stems coming. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 6'	12,000'	High	Sun	No

Salix geyerii - **Geyer Willow**

Geyer willow is a large shrub willow that is common at high elevations along streams and moist areas. Its leaves are narrow and long. This is one of the native blue stem willows with a white waxy coating on the stems. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
18' x 10'	11,000'	High	Sun	No

Salix wolfii "Climax" - **Climax Willow**

This alpine shrub willow was originally collected near the Climax Mine at 11,000 feet in elevation. Difficulty in identification has forced us to generalize with its name. This willow is an excellent reclamation plant. It has short rounded leaves and reddish stems. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 5'	11,000'	High	Sun	No

Sambucus microbotrys (pubens) - **Red Berried Elder**

Creamy white flowers are borne in clusters above the foliage on second year wood. Clusters of bright red or orange berries are edible, but bitter. Branches tend to desiccate in dry climates in the winter. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
5' x 5'	11,000'	High	Sun to Shade	No

Seriphidium (Artemisia) vaseyanum (tridentata) - **Mountain Sagebrush**

A rigid well branched shrub that is found in the driest locations. The blue foliage is aromatic and evergreen. We grow one accession from just north of Buena Vista. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
3' x 4'	10,500'	Low	Sun	Yes

Shepherdia argentea - **Silver Buffaloberry**

Silver foliage of this erect shrub can be valuable in design diversity. A strong plant that will sucker and spread if left unchecked. Inconspicuous flowers are followed by small red berries on female plants. The berries are edible though a little sour. Sharp thorns tip many twigs and branches. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
12' x 8'	9,000'	Medium	Sun	Somewhat

Sorbaria sorbifolia - Ural False Spirea

Even though this plant has some annual dieback due to winter dryness, it is a valuable plant in the landscape. Pinnately compound leaves give it somewhat of a tropical appearance in foliage. The plumes of creamy white flowers late in the summer are the highlight of this shrub. Ural false spirea has maroon fall color. Prune off the dead stems each spring and watch this plant grow fast to reach 5' in height. It will sucker from it's roots so it does spread.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
6' x 8'	9,000'	Medium	Sun to Part Shade	Somewhat

Spiraea bumalda var. *Anthony waterer* - Anthony Waterer Spirea

This low shrub has flat heads of magenta colored of flowers in midsummer. Grown to fill a small decorative shrub niche, has proven to be very hardy even though it dies back in the winter. Like *S. b. froebelii*, this plant has beautiful maroon fall color. Cut these spireas back to 6" or less in the spring.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
2' x 3'	9,000'	Medium	Sun	Yes

Spiraea bumalda var. *froebelii* - Froebel Spirea

Bigger than *S. b. "Anthony Waterer"* by another 50% and with similar flowers that are lighter pink. This plant has proven to be very hardy at 8000 ft. elevation. Very nice dark red fall color. Cut these spireas back to 6" or less in the spring so it can regrow fresh each year.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
3' x 3'	9,000'	Medium	Sun	Yes

Spiraea bumalda var. *goldflame* or *goldmound* - Goldflame Spirea and Goldmound Spirea

The same pink flowers as froebel spirea. The foliage is a combination of red and yellow all summer. Its mostly use for foliage accent in the landscape. Cut these spireas back to 6" or less in the spring. **Goldmound** has yellow green foliage and pink flowers.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
2' x 3'	8,500'	Medium	Sun	Yes

Spiraea vanhouttei - Vanhoutte Spirea

Graceful arching stems covered with pure white flowers in early spring are quite showy. A south facing exposure out of the winter wind is important. Flowers may freeze in areas with late frosts.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
6' x 6'	8,500'	Medium	Sun	Yes

Swida sericea (*Cornus stolonifera*) - Redtwig Dogwood

The red stems of this medium sized shrub are attractive in the winter landscape. The blueish-white berries that follow the white flowers are favored by birds. We now grow a very hardy native variety that we call "Poncha Pass". This var. does better in the dry winter winds of Central Colorado. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
7' x 7'	10,000'	High	Sun or Shade	Somewhat

Symphoricarpus rotundifolius- **Mountain Snowberry**

Although this plant is common, it is often overlooked in the native landscape. Small green leaves have a bluish cast. The arching habit allows this plant to spread by rooting of the tips. Small pink bell shaped flowers are followed by white inedible berries. **Colorado Native Plant**

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
4' x 5'	10,500'	Medium	Sun or Shade	Yes

Syringa meyeri palabin - **Dwarf Korean Lilac**

This compact shrub blooms with small purple flowers. It has dark green foliage and grows slow. This is a good plant for a courtyard with limited space.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun or Shade	Deer Resistant
4' x 5'	9,000'	High	Sun to Part Shade	No

Syringa reflexa x villosa var. James Macfarlane - **James Macfarlane Lilac**

Large true pink trusses of lilac flowers, appear two weeks later than other lilacs. Foliage that is veined and not as leathery as the common lilacs. Has proven to be hardy and consistent. Not as fragrant as the common purple lilac.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
8' x 6'	10,500'	High	Sun to Part Shade	No

Syringa reflexa x villosa var. Donald Wyman - **Donald Wyman Lilac**

Dark purple flowers come on two weeks later than other lilacs, like JM Lilac . Foliage that is veined and not as leathery as the common lilacs. This is a nice dark purple, late lilac . Has proven to be quite hardy.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
8' x 6'	10,500'	High	Sun to Part Shade	No

Syringa vulgaris - **Common Purple Lilac**

Fragrant clusters of purple flowers cover this large shrub in the spring. Spreads by suckers and should be pruned regularly to maintain flowering ability. This plant takes a long time to establish and is rather slow growing when young.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
10' x 8'	10,500'	High	Sun to Part Shade	No

Syringa vulgaris var. alba - **Common White Lilac**

Very similar to the common purple lilac except with white flowers.

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
10' x 8'	10,500'	High	Sun to Part Shade	No

Yucca glauca - **Soapweed**

Long, light green, needle-like, evergreen foliage make this an easily recognizable native plant. Requires well drained soil and no supplemental irrigation. Valuable in desert landscapes, but not used much otherwise.

Colorado Native Plant

Size (HxW)	Upper Elev. Limit	Water Needs	Sun	Deer Resistant
3' x 2'	9,500'	Low	Sun	Yes