

PLANT CHARACTERISTICS

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Common Name	Scientific Name	Max (ft) Height	Width	Growth Rate	Life- span	Water Use	Salt/Alkali Tolerances	Zones	Sun/ Shade	Characteristics
SHRUBS										
Apache Plume	<i>Fallugia paradoxa</i>	6	3-4	Fast	Mod	Low	Mod/High	4-9	full	N, E, D, C, W, P
Bitterbrush	<i>Purshia tridentata</i>	6	3-6	Mod	Long	Low	Mod/High	5-9	full	N, E, D, W, P
Buffaloberry	<i>Shepherdia argentea</i>	12	6-12*	Mod	Long	Low	High/High	2-9	full	N, E, S, D, W, P
Caragana	<i>Caragana arborescens</i>	10	5-10	Fast	Long	Low	Mod/High	2-7	full/part	E, S, D, C, W, P
Chokecherry	<i>Prunus virginiana</i>	20	5-15	Mod	Mod	Mod	Mod/High	2-9	full/part	N, S, D, W, C, P
Cliffrose	<i>Purshia mexicana</i>	8	6-8	Slow	Long	Low	Low/Mod	4-9	full	N, D, W, P
Cotoneaster	<i>Cotoneaster acutifolia</i>	8	4-5	Mod	Long	Mod	High/High	2-9	full/part	E, S, C, W, D
Desert Peach	<i>Prunus andersonii</i>	6	3-6	Mod	Long	Low	Mod/Mod	5-10	full	N, S, D, W, C, P
Dogwood, Red-twig	<i>Cornus sericea</i>	8	4-8	Fast	Mod	High	Low/Mod	2-7	full/part	N, E, S, C, W
Ephedra	<i>Ephedra viridis</i>	3	3-4	Slow	Long	Low	High/High	5-9	full/part	N, E, D, W
Forage Kochia	<i>Bassia prostrata</i>	3	1-3	Mod	Mod	Low	High/High	5-9	full	E, D, C, W
Gambel Oak	<i>Quercus gambelii</i>	15	7-12	Slow	Long	Low	Low/Mod	3-9	full/part	E, S, C, D, W
Golden Currant	<i>Ribes aureum</i>	6	3-5	Mod	Long	Low	Mod/Mod	3-8	full/part	N, E, D, C, W, P
Honeysuckle	<i>Lonicera</i>	9	6-8	Mod	Long	Mod	Mod/High	3-11	full/part	E, S, C, W, P
Lilac	<i>Syringa vulgaris</i>	15	5-10	Mod	Long	Mod	Mod/High	2-9	full/part	E, S, D, C
Nanking Cherry (X)	<i>Prunus tomentosa</i>	8	6-8	Mod	Long	Mod	Low/Mod	2-7	full	S, C, W, P
Native Plum	<i>Prunus americana</i>	10	8-10	Fast	Long	Mod	Mod/High	3-8	full	S, C, W, P
Oakleaf Sumac	<i>Rhus trilobata</i>	8	4-8	Fast	Long	Low	Mod/High	3-9	full/part	N, E, S, C, W
Pygmy Caragana	<i>Caragana arborescens 'Pygmy'</i>	4	3-5	Mod	Mod	Low	Mod/Mod	3-7	full	E, D, W
Quailbush	<i>Atriplex lentiformis</i>	8	5-8	Fast	Mod	Low	High/High	7-10	full	N, D, W
Rabbitbrush	<i>Ericameria nauseosa</i>	4	3-4	Fast	Mod	Low	High/High	3-9	full	N, E, D, C, W, P
Rugosa Rose	<i>Rosa rugosa</i>	5	3-5	Mod	Long	Mod	Low/Mod	3-9	full/part	E, S, D, C, P
Russian Sage	<i>Perovskia atriplicifolia</i>	4	3-5	Mod	Mod	Low	Mod/High	5-10	full	E, S, D, C, P
Sagebrush	<i>Artemisia tridentata</i>	6	3-6	Mod	Long	Low	Mod/High	4-10	full	N, E, D, W, P
Saltbrush, 4-wing	<i>Atriplex canescens</i>	8	3-6	Mod	Mod	Low	High/High	6-9	full	N, E, S, D, W
Saltbrush, Shadscale	<i>Atriplex confertifolia</i>	3	2-4	Fast	Mod	Low	High/High	5-10	full	N, E, D, W
Sand Cherry (X)	<i>Prunus besseyi</i>	4	4-6	Mod	Mod	Mod	Low/Mod	3-7	full/part	E, D, C, W, P
Serviceberry	<i>Amelanchier alnifolia</i>	12	5-10	Mod	Mod	Mod	Mod/High	3-10	full/part	N, S, D, W, P
Wild Rose	<i>Rosa woodsii</i>	6	*	Fast	Mod	Mod	Low/Mod	5-10	full/part	N, E, S, C, W, P
Winterberry	<i>Euonymus bunganus</i>	12	5-10	Mod	Mod	Mod	Mod/Mod	4-9	full/part	S, C, W, P
Willow, Arroyo	<i>Salix lasiolepis</i>	15-30	*	Fast	Mod	High	Low/Low	4-8	full	N, E, S, W, P
Willow, Coyote	<i>Salix exigua</i>	10-15	*	Fast	Mod	High	Low/High	4-8	full	N, E, S, W, P
Willow, Lemmon	<i>Salix lemmonii</i>	10-15	*	Fast	Long	High	Low/Mod	4-8	full	N, E, S, W, P
Willow, Scouler	<i>Salix scouleriana</i>	15-30	*	Fast	Mod	High	Low/Mod	5-9	full	N, E, S, W, P
Willow, Yellow	<i>Salix lutea</i>	10-20	*	Fast	Mod	High	Low/Mod	4-8	full	N, E, S, W, P
GRASSES										
Alkali Sacaton	<i>Sporobolus airoides</i>	3	1-3*	Mod	Mod	Low	High/High	2-9	full	N, E, D, W
Bluebunch Wheatgrass	<i>Pseudoroegneria spicata</i>	4	2-4*	Mod	Long	Low	Mod/Low	3-8	full/part	N, E, D, W
Carex, Nebraska Sedge	<i>Carex nebrascensis</i>	3	*	Mod	Long	High	Low/Mod	5-8	full	N, E, W
Crested Wheatgrass	<i>Agropyron cristatum</i>	3	1-3*	Mod	Long	Mod	Mod/Mod	5-9	full	E, D, W
Indian Ricegrass	<i>Acnatherum hymenoides</i>	2	1-2*	Mod	Short	Low	Low/Mod	3-9	full	N, E, D, W
Juncus, Baltic Rush	<i>Juncus balticus</i>	3	*	Fast	Long	High	High/High	4-9	full/full	N, E, W
Streambank Wheatgrass	<i>Elymus lanceolatus</i>	2	*	Fast	Long	Mod	Mod/Mod	3-7	full/part	N, E, D, W
Tufted Hairgrass	<i>Deschampsia caespitosa</i>	4	2-4*	Fast	Long	Mod	Mod/High	5-9	full/part	N, E, W
Wildrye, Basin	<i>Leymus cinereus</i>	6	2-4	Mod	Long	Mod	High/High	5-9	full	N, E, D, W
Wildrye, Creeping	<i>Leymus triticoides</i>	3	*	Fast	Long	High	High/High	5-10	full	N, E, W

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FLOWERS										
Arnica, Hairy	<i>Arnica mollis</i>	2	1-2	Slow	Perennial	High	Low/Low	5-8	full/part	N, C, P
Aster, Western	<i>Symphotrichum ascendens</i>	3	1-3*	Fast	Perennial	Mod	Mod/Mod	3-9	full/part	N, E, C, W, P
Blanket Flower	<i>Gaillardia aristata</i>	3	1-3	Mod	Perennial	Mod	Mod/Mod	7-10	full/part	E, D, C, W, P
Blue Flax	<i>Linum lewisii</i>	3	1-3	Mod	Perennial	Low	Mod/Mod	3-9	full	N, D, C, P
Globemallow	<i>Sphaeralcea</i> sp.	3	1-2	Mod	Perennial	Low	Mod/Mod	7-10	full/part	N, E, D, C, W, P
Goldenrod, California	<i>Solidago californica</i>	3	1-3*	Fast	Perennial	Low	Mod/Mod	6-9	full/full	E, D, C, P
Milkweed	<i>Asclepias</i> spp.	4	1-3	Mod	Perennial	Mod	Mod/Mod	3-9	full	N, D, C, P
Monkeyflower	<i>Mimulus guttatus</i>	3	1-2*	Fast	Perennial	High	Mod/Mod	5-9	full/part	N, E, C, P
Penstemon	<i>Penstemon</i> spp.	3	1-3	Mod	Perennial	Low	Low/Mod	4-9	full	N, E, D, C, P
Primrose, Evening	<i>Oenothera elata</i>	5	3-5	Fast	Perennial	Mod	Low/Low	6-9	full	N, D, C, W, P
Yarrow	<i>Achillea</i> spp.	3	1-3*	Mod	Perennial	Low	Mod/Mod	3-10	full/part	E, D, C, W, P
DECIDUOUS TREES										
Amur Maple	<i>Acer ginnala</i>	20	10-20	Fast	Mod	Mod	High/High	3-8	full/part	S, D, C
Aspen, Quaking	<i>Populus tremuloides</i>	40	10-20	Fast	Long	High	Low/Mod	1-7	full	N, E, S, C, W
Black Locust	<i>Robinia pseudoacacia</i>	60	20-35	Fast	Long	Low	Mod/High	6-8	full/part	E, D, W, P
Bur Oak	<i>Quercus macrocarpa</i>	60	40-60	Slow	Long	Mod	Mod/Mod	3-8	full	D, C, W
Cottonwood, Fremont	<i>Populus fremontii</i>	80	30-60	Fast	Mod	High	Mod/High	3-9	full	N, C, W
Crabapple	<i>Malus baccata</i>	25	10-20	Mod	Long	Mod	Mod/High	2-7	full	E, S, D, C, W, P
Green Ash	<i>Fraxinus pennsylvanica</i>	60	10-20	Fast	Short	Mod	Low/High	2-9	full	C, W
Hackberry	<i>Celtis occidentalis</i>	50	20-40	Fast	Long	Low	Mod/High	3-9	full/part	S, D, C, W
Honey Locust	<i>Gleditsia triacanthos</i>	60	30-50	Mod	Long	Mod	Mod/Mod	3-9	full	S, D, C, W, P
Hybrid Poplar	<i>Populus deltoides x nigra</i>	60	20-30	Fast	Short	High	Mod/High	3-9	full	S, W
Lacebark Elm	<i>Ulmus parvifolia</i>	40	20-30	Fast	Long	Low	Mod/High	5-9	full	E, S, D, W
Russian Olive	<i>Elaeagnus angustifolia</i>	35	15-20	Fast	Mod	Low	High/High	3-8	full	E, S, D, W, P
Willow, Golden	<i>Salix alba vitellina</i>	40	20-40	Fast	Mod	High	Mod/High	2-9	full/part	E, S, W
Willow, Pacific	<i>Salix lucida</i>	60	*	Fast	Short	High	Low/Mod	5-10	full	N, E, S, W, P
Willow, Peachleaf	<i>Salix amygdaloides</i>	60	*	Fast	Short	High	Low/Mod	4-8	full	N, E, S, W, P
Willow, Red	<i>Salix laevigata</i>	40	*	Fast	Mod	High	Mod/Mod	5-10	full	N, E, S, W, P
EVERGREENS										
Arizona Cypress	<i>Cupressus arizonica</i>	40	20-30	Fast	Long	Low	High/High	7-9	full	S, D, W
Austrian Pine	<i>Pinus nigra</i>	60	20-30	Fast	Long	Mod	Mod/High	4-8	full	S, W
Co. Blue Spruce	<i>Picea pungens</i>	75	10-20	Slow	Long	Mod	Mod/Mod	2-8	full	S, C, W
Doug Fir	<i>Pseudotsuga menziesii</i>	70	20-30	Mod	Long	Mod	Low/Mod	4-7	full	S, W
Eastern Red Cedar	<i>Juniperus virginiana</i>	40	10-20	Mod	Mod	Low	Mod/Mod	2-9	full	S, D, W
Giant Sequoia	<i>Sequoiadendron giganteum</i>	200	20-40	Mod	Long	Mod	Low/Mod	6-9	full	S, W
Incense Cedar	<i>Calocedrus decurrens</i>	100	15-30	Mod	Long	Low	Low/Mod	5-8	full/part	N, S, D, W
Jeffrey Pine	<i>Pinus jeffreyi</i>	100	25-30	Mod	Long	Mod	Low/Mod	5-8	full	N, S, D, W
Mountain Mahogany	<i>Cercocarpus ledifolius</i>	20	5-10	Mod	Long	Low	Low/Mod	3-8	full	N, S, D, W
Ponderosa Pine	<i>Pinus ponderosa</i>	100	25-30	Mod	Long	Mod	Mod/Mod	3-7	full	N, S, D, W
Rocky Mtn Juniper	<i>Juniperus scopulorum</i>	40	10-20	Slow	Long	Low	Mod/High	4-9	full	N, S, D, W
Scotch Pine	<i>Pinus sylvestris</i>	80	20-30	Fast	Long	Mod	Mod/Mod	3-7	full	S, D, W
White Fir	<i>Abies concolor</i>	100	20-30	Slow	Long	Mod	Low/Low	4-8	full/part	N, S, D, W

EXPLANATIONS:

Growth Rate (per year):

Slow - less than 1 foot

Mod - 1 to 2 feet

Fast - 2 feet +

Lifespan:

Short 10-25 years

Mod 25-50 years

Long 50+ years

N= Native E= Erosion S= Screen/Windbreak D= Drought Tolerant C= Color W= Wildlife food/cover P= Pollinator

X = need 2 or more plants to cross pollinate * = spreading / continuous root spread