

WATER NEEDS OF LANDSCAPE PLANTS

The water requirements for the plant species listed here should be used as a guide. The plant's water requirement may need to be increased or decreased depending on soil, wind, and other microclimate conditions. Generally plants fall into four main categories of water requirements: extremely low, low, moderate, and high.

Botanical Name	Common Name	Classification	ET %
<i>Abelia x grandiflora</i>	Glossy Abelia	moderate	50
<i>Acacia smallii</i>	Desert Sweet Acacia	low	25
<i>Achillea species</i>	Yarrow	moderate	50
<i>Agave species</i>	Agave	low	25
<i>Alianthus altissima</i>	Tree of Heaven	low	25
<i>Abizia julibrissin</i>	Silk Tree	moderate	50
<i>Anisacanthus species</i>	Desert Honeysuckle	low	25
<i>Aptenia cordifolia</i>	Hearts and Flowers Ice Plant	high	70
<i>Arbutus unedo</i>	Strawberry Tree	moderate	50
<i>Arctotis hybrids</i>	African Daisy	moderate	50
<i>Artemisia species (shrubby)</i>	Sagebrush	low	25
<i>Artemisia species (herbaceous)</i>	Tarragon, Dusty Miller, Etc.	moderate	50
<i>Arundo donax</i>	Giant Reed	moderate	50
<i>Artiplex species</i>	Saltbrush	ext. low	5
<i>Baccharis pilularis</i>	Dwarf Coyote Brush	low	25
<i>Baccharis sarothroides</i>	Desert Broom	low	25
<i>Baccharis x "Centennial"</i>	Centennial Baccharis	low	25
<i>Baileya multiradiata</i>	Desert Marigold	low	25
<i>Berberis species</i>	Barberry	moderate	50
<i>Betula pendula</i>	European White Birch	moderate	50
<i>Buchloe dactyloides</i>	Buffalo Grass	moderate	50
<i>Buddleia davidii</i>	Butterfly Bush	moderate	50

Botanical Name	Common Name	Classification	ET %
<i>Buxus microphylla japonica</i>	Japanese Boxwood	high	80
<i>Caesalpinia gilliesii</i>	Bird of Paradise	low	25
<i>Caesalpinia pulcherrima</i>	Red Bird of Paradise	low	25
<i>Campsis radicans</i>	Trumpet Creeper	moderate	50
<i>Carya illinoensis</i>	Pecan	moderate	50
<i>Catalpa speciosa</i>	Western Catalpa	moderate	50
<i>Cedrus deodara</i>	Deodar Cedar	moderate	50
<i>Cedrus atlantica</i>	Atlas Cedar	moderate	50
<i>Cerastium tomentosum</i>	Snow in Summer	moderate	50
<i>Cercis occidentalis</i>	Western Redbud	moderate	50
<i>Chaenomeles species</i>	Flowering Quince	moderate	50
<i>Chamaerops humilis</i>	Mediterranean Fan Palm	moderate	50
<i>Chilopsis linearis</i>	Desert Willow	low	25
<i>Chitalpa tashkentensis</i>	Chitalpa	moderate	50
<i>Chrysothamnus nauseosus</i>	Rabbitbrush	low	25
<i>Convolvulus cnerorum</i>	Bush Morning Glory	moderate	50
<i>Coreopsis species</i>	Coreopsis	moderate	50
<i>Cortaderia sellowana</i>	Pampas Grass	moderate	50
<i>Cotinus coggygria</i>	Smoke Tree	moderate	50
<i>Cotoneaster species</i>	Cotoneaster	moderate	50
<i>Cowania mexicana</i>	Cliff Rose	low	25
<i>Cupressocyparis leylandii</i>	Leyland Cypress Tree	moderate	50
<i>Cupressus arizonica</i>	Arizona Cypress Tree	moderate	50
<i>Cynodon dactylon</i>	Bermuda Grass	high	70
<i>Dalea species</i>	Dalea, Indigo Bush, Pea Bush, etc.	low	25
<i>Dasyliirion wheeleri</i>	Desert Spoon	low	25
<i>Echinocereus species</i>	Hedgehog Cactus	ext. low	5
<i>Encelia species</i>	Brittlebush	ext. low	5
<i>Ephedra viridis</i>	Mormon Tea	ext. low	5
<i>Ericameria laricifolia</i>	Turpentine Bush	ext. low	5
<i>Euonymus species</i>	Winter Creeper, etc.	moderate	50
<i>Euphorbia species</i>	Euphorbia	low	25
<i>Fallugia paradoxa</i>	Apache Plume	low	25

Botanical Name	Common Name	Classification	ET %
Felicia species	Blue Marguerite, Aster	moderate	50
Ferocactus species	Barrel Cactus	ext. low	5
Festuca species	Red, Tall, etc.	moderate	80
Festuca ovina glauca	Blue Fescue	moderate	50
Fouquieria splendens	Ocotillo	ext. low	5
Forestiera neomexicana	Desert olive	low	25
Fraxinus velutina "Modesto"	Modesto Ash	moderate	50
Fraxinus velutina	Arizona Ash Tree	moderate	50
Fraxinus oxycarpa "Raywood"	Raywood Ash Tree	moderate	50
Gazania rigens	Gazania	moderate	50
Gelsemium sempervirens	Carolina Jessamine	moderate	50
Gleditsia triacanthos inermis	Honey Locust Tree	low	25
Guttierrezia sarathroides	Snake Weed	low	25
Hedera helix	English Ivy	high	70
Hemerocallis species	Day Lilly	moderate	50
Hesperaloe parviflora	Red Yucca	low	25
Ilex vomitoria	Yaupon Holly	high	70
Iris species	Bearded Iris	high	70
Juniperus species	Juniper	low	25
Koelreuteria bipinnata	Golden Rain Tree	moderate	50
Koelreuteria paniculata	Chinese Flame Tree	moderate	50
Lagerstroemia indica	Crepe Myrtle Tree	moderate	50
Lavendula species	Lavender	moderate	50
Larrea tridentata	Creosote Bush	low	25
Leucophyllum species	Texas Ranger	low	25
Ligustrum japonicum	Japanese Privet	moderate	50
Liriope muscari	Big Blue Lilly Turf	moderate	50
Liriope gigantea	Giant Lilly Turf	moderate	50
Lonicera japonica	Japanese Honeysuckle	moderate	50
Melia azedarach	Texas Umbrella Tree	moderate	50
Mahonia aquifolium	Oregon Grape	moderate	50
Miscanthus sinensis	Maiden Grass	high	70
Morus alba	Mulberry Tree	moderate	50

Botanical Name	Common Name	Classification	ET %
Muhlenbergia species	Deer Grass, Muhly	low	25
Nandina domestica	Heavenly Bamboo	moderate	50
Nerium oleander	Oleander	moderate	50
Nolina microcarpa	Bear Grass	low	25
Oenothera berlandieri	Mexican Evening Primrose	moderate	50
Ophiopogon japonicus	Mondo Grass	high	70
Opuntia species	cholla, beavertail cactus, etc.	ext. low	5
Oryzopsis hymenoides	Indian Rice Grass	low	25
Pennisetum species	Fountain Grass	moderate	50
Perovskia atriplicifolia	Russian Sage	low	25
Phoenix species	Date Palm	moderate	50
Phormium tenax	New Zealand Flax	moderate	50
Photinia fraseri	Photinia	moderate	50
Pinus eldarica	Mongolian Pine Tree	low	25
Pinus halepensis	Aleppo Pine Tree	low	25
Pinus thunbergii	Japanese Black Pine Tree	moderate	50
Pinus pinea	Italian Stone Pine	moderate	50
Pistacia chinensis	Chinese Pistache Tree	moderate	50
Pittosporum tobira	Mock Orange	moderate	50
Platanus x acerifolia	London Plane Tree	high	70
Poa species	Bluegrass	high	100
Polygonum aubertii	Silver Lace Vine	moderate	50
Populus species	Poplar Tree	high	70
Prosopis species	Mesquite Tree	low	25
Prunus species	Cherry, Plum, etc. Tree	moderate	50
Punica granatum	Pomegranate	moderate	50
Pyracantha species	Firethorn	moderate	50
Pyrus calleryana	Callery Pear Tree	moderate	50
Quercus species	Oak Tree	moderate	50
Rhaphiolepis indica	Indian Hawthorn	moderate	50
Robinia x ambigua "Purple Robe"	Idaho Locust	moderate	50
Rosa hybrid species	Rose	high	70
Rosa banksiae	Lady Banks Rose	moderate	50

Botanical Name	Common Name	Classification	ET %
Rosmarinus species	Rosemary	low	25
Salix species	Willow Tree	high	70
Salvia greggii	Autumn Sage	low	25
Salvia leucantha	Mexican Bush Sage	low	25
Salvia officinalis	Garden Sage	moderate	50
Santolinas species	Lavender cotton, green santolina	low	25
Sedum species	Stone Crop	low	25
Sophora japonica	Japanese Pagoda Tree	moderate	50
Sophora secundiflora	Texas Mountain Laurel Tree	moderate	50
Spartium junceum	Spanish Broom	low	25
Spiraea species	Spiraea	moderate	50
Sphaeralcea ambigua	Globe Mallow	low	25
Teucrium chamaedrys	Germander	moderate	50
Thymus species	Thyme	moderate	50
Trachycarpus fortunei	Windmill Palm	moderate	50
Tulbaghia violacea	Society Garlic	moderate	50
Ulmus parvifolia	Chinese Evergreen Elm Tree	moderate	50
Vauquelinia californica	Arizona Rosewood	low	25
Verbena gooddingii	Goodding verbena	low	25
Verbena hybrid species	Verbena	moderate	50
Vitex agnus-castus	Chaste Tree	moderate	50
Washingtonia robusta	California Fan Palm	moderate	50
Washingtonia filifera	Mexican Fan Palm	moderate	50
Yucca species	Yucca	low	25