# WANT TO EXPERIENCE THESE DESERT-SMART PLANTS IN A GARDEN SETTING?

*YOU CAN VIEW MOST OF THESE PLANTS IN DEMONSTRATION GARDENS AT THE FOLLOWING LOCATIONS:*

**Mojave Water Agency**

**Joshua Basin Water District**

**Hi-Desert Water District**

**Copper Mountain College**

**Victor Valley College**

Alliance for Water Awareness and Conservation

awac

Water-Conserve Today for Tomorrow

*AWAC recommends that you take this list with you when you visit your local nursery or home-improvement store.*

Brochure created by Robin Kobaly for MWA ~ All photos ©2012 Robin Kobaly
Produced by The Power of Plants (www.powerofplants.com) and
The SummerTree Institute (www.summertree.org)

ENJOY THE MANY REWARDS OF

# DESERT-SMART PLANTS

ADD VARIETY ~ ADD SAVINGS

ADD BEAUTY

Alliance for Water Awareness and Conservation

awac

Water-Conserve Today for Tomorrow

# LET THESE WATER-WISE PLANTS BRING BEAUTY AND WATER SAVINGS TO YOUR YARD

**The Alliance for Water Awareness and Conservation (AWAC)** is working to promote water conservation, and has created this list of desert-adapted plants to help you select plants that grow well in the High Desert using little water. Thoughtful landscape planning, low-water-use plants, and proper irrigation strategies will help you conserve water.

Cold Hardy Tolerance ( ° F) *is noted for each plant, since the limiting factor to success of many of these plants is their cold hardiness. While highs in the High Desert (Sunset Zone 11, USDA Zone 8b) may reach 115 degrees F in the summertime, winter temperatures in higher elevation portions of the this zone may dip down to 10 degrees F or less. Some of these plants that are star performers at lower elevation High-Desert locations may suffer moderate to severe frost damage when planted at higher elevations or at the bottom of slopes where cold air falls.*

## ACCENTS

Agave species:

- (15°) Century Plant, *A. Americana*
- (-20°) Parry's Agave, *A. parryi huachucensis*
- (10°) Queen Victoria Agave, *A. victoriae-reginae*
- (-10°) Bear Grass, *Nolina microcarpa*
- (15°) California Fan Palm, *Washingtonia filifera*
- (25°) Desert Milkweed, *Asclepius subulata*
- (0°) Desert Spoon, *Dasylirion wheeleri*
- (18°) Golden Barrel Cactus, *Echinocactus grusonii*
- (0°) Gopher Plant, *Euphorbia rigida*
- (18°) Mediterranean Fan Palm, *Chamaerops humilis*
- (10°) Red Barrel Cactus, *Ferocactus cylindraceus*
- (-10°) Red-Hot Poker, Torch Lily, *Kniphofia uvaria*
- (0-15°) Red Yucca, *Hesperaloe parviflora*
- (5°) Windmill Palm, *Trachycarpus fortunei*

Yucca species:

- (0°) Spanish Bayonet, *Y. aloifolia*
- (-10°) Banana Yucca, *Datil, Y. baccata*
- (0°) Joshua Tree, *Y. brevifolia*
- (-10°) Soaptree Yucca, *Y. elata*

## Water Requirement:

### Very Low Water Use

*Able to survive once established without supplemental water; however, water is needed once or twice over summer months for plants to look their best.*

### Low Water Use

*Require very little water after established. Water needed at least once a month during summer months for plants to look their best.*

### Moderate Water Use

*Some supplemental water is needed throughout the life of the plant, at least twice monthly during peak summer months once established.*

*Where plants can be either low or moderate water users, depending on their "irrigation training" and micro-habitat location (exposure, slope, shade, etc.), two symbols are shown.*

## ORNAMENTAL GRASSES

- (10°) Autumn Glow, *Muhlenbergia lindheimeri*
- (0°) Blue Fescue, *Festuca ovina glauca*
- (0-10°) Blue Grama, *Bouteloua gracilis*
- (0°) Deer Grass, *Muhlenbergia rigens*
- (0°) Regal Mist, *Muhlenbergia capillaris*

## GROUND COVERS

- (<0°) Damianita, *Chrysactinia mexicana*
- (15°) Gazania, most varieties

Glandularia (Verbena) species:

- (0° ) Peruvian Verbena, *G. peruviana*
- (20°) Moss Verbena, *G. pulchella*
- (15°) Sandpaper Verbena, *G. rigida*

- (0°) Lavender Cotton, *Santolina chamaecyparissus*
- (15°) Mexican Eve. Primrose, *Oenothera berlandieri*
- (<0°) Mountain Joint-Fir, *Ephedra viridis*
- (0°) Phlox, most varieties
- (0°) Prostrate Rosemary, *Rosmarinus officinalis*
- (0°) Snow-in-Summer, *Cerastium tomentosum*
- (10°) Stonecrop, *Sedum,* most varieties
- (-20°) Thyme, *Thymus,* most varieties
- (15°) Trailing Indigo Bush, *Dalea greggii*

# TREES

## Evergreen

- (12°) Aleppo Pine, *Pinus halepensis*
- (-10°) Arizona Rosewood, *Vauquelinia californica*
- (20°) Carob Tree, *Ceratonia siliqua*
- (-20°) Deodar Cedar, *Cedrus deodara*
- (10°) Eldarica Pine, Afghan Pine, Russian Pine, *Pinus eldarica*
- (15°) Incense Cedar, *Calocedrus decurrens*
- (0°) Italian Stone Pine, *Pinus pinea*
- (-20°) Mountain Mahogany, *Cercocarpus betuloides*
- (15°) Olive Tree, *Olea europaea*
- (15°) Strawberry Tree, *Arbutus unedo*
- (10°) Texas Ebony, *Pithecellobium flexicaule*
- (0°) Texas Mountain Laurel, *Sophora secundiflora*
- (-10°) Toyon, *Heteromeles arbutifolia*

# TREES

## Deciduous

- (-10°) Arizona Ash, *Fraxinus velutina*
- (10°) Blue Palo Verde, *Parkinsonia (Cercidium) floridum*
- (10°) Chaste Tree, Monk Tree, *Vitex agnus-castus*
- (15°) Chilean Mesquite, *Prosopis chilensis*
- (-20°) Chinese Pistache, *Pistacia chinensis*
- (15°) Desert Museum Palo Verde, *Cercidium x 'Desert Museum'*
- (10°) Desert Willow, 'Burgundy', *Chilopsis linearis*
- (10°) Guajillo, *Acacia berlandieri*
- (-20°) Honey Locust, *Gleditsia triacanthos*
- (0°) Honey Mesquite, *Prosopis glandulosa*
- (10°) Little-leaf Palo Verde, *Parkinsonia microphyllum*
- (10°) Mexican Palo Verde, *Parkinsonia aculeata*
- (-10°) 'Modesto' (Modesto Ash), *Fraxinus velutina*
- (0°) Pink Dawn, *Chitalpa tashkentensis*
- (10°) Screw Bean Mesquite, *Prosopis pubescens*
- (10°) Silk Tree, Mimosa, *Albizia julibrissin*
- (15°) Sweet Acacia, *Acacia smallii or A. farnesiana*

# SHRUBS

- (-30°) Apache Plume, *Fallugia paradoxa*
- (0°) Autumn Sage, Red Sage, *Salvia greggii*
- (25°) Bladderpod, *Cleome isomeris*
- (10°) Brittlebush, *Encelia farinosa*
- (-10°) California Buckwheat, *Eriogonum fasciculatum*
- (10°) Chaparral Sage, Cleveland Sage, *Salvia clevelandii*
- (15°) Chihuahuan Sage, *Leucophyllum laevigatum*
- (10°) Coyote Bush, Desert Broom, *Baccharis 'Centennial'*
- (0°) Creosote, *Larrea tridentata*
- (0°) Desert Mallow, *Sphaeralcea ambigua*
- (15°) Dwarf Coyote Brush, *Baccharis pilularis*
- (20°) Grevillea, *Grevillea 'Noellii'*
- (15°) Jojoba, *Simmondsia chinensis*
- (15°) Mexican Blue Sage, *Salvia chamaedryoides*
- (5°) Photinia, *Photinia fraseri*
- (10°) Firethorn, Pyracantha, *Pyracantha crenatoserrata*
- (18°) Red Bird of Paradise, *Caesalpinia pulcherrima*
- (10°) Rock Cotoneaster, *Cotoneaster horizontalis*
- (15°) Rockrose, *Cistus species*
- (0°) Silver Sage, Wormwood, *Artemisia 'Powis Castle'*
- (10°) Texas Ranger varieties, *Leucophyllum frutescens*
- (0°) Turpentine Bush, *Ericameria laricifolia*
- (15°) White Sage, *Salvia apiana*

# PERENNIAL FLOWERS

- (0°) Blackfoot Daisy, *Melampodium leucanthum*
- (10°) Chocolate Flower, *Berlandiera lyrata*
- (10°) Coreopsis, most varieties
- (33°) Cosmos, most varieties
- (0°) Daylily, *Hemerocallis,* most varieties
- (10°) Desert Marigold, *Baileya multiradiata*

Glandularia (Verbena) species:

- (20°) Gooding Verbena, *G. gooddingii*
- (0°) Peruvian Verbena, *G. peruviana*
- (0°) Sandpaper Verbena, *G rigida*

Penstemon species:

- (-20°) Sand Penstemon, *P. ambiguous*
- (-30°) Beardlip Penstemon, *P. barbatus*
- (-15°) Scarlet Bugler, *P. centranthifolius*
- (-30°) Eaton's Firecracker, *P. eatonii*
- (-10°) Palmer's Penstemon, *P. palmeri*
- (18°) Parry's Penstemon, *P. parryi*
- (10°) Pine-leaf Penstemon, *P. pinifolius*
- (-30°) Rocky Mtn. Penstemon, *P. strictus*
- (0°) Canyon Penstemon, *P. pseudospectabilis*

- (0°) Rosemary, *Rosmarinus officinalis, prostrate or upright*
- (-20°) Russian Sage or Blue Spire, *Perovskia*
- (10°) Silver Bush Morning Glory, *Convolvulus cneorum*
- (-30°) Sulfur Flower, *Eriogonum umbellatum*
- (10°) Sundancer Daisy, *Hymenoxys acaulis*
- (10°) Whirling Butterflies, *Gaura lindheimeri*