

MINIMUM PLANT SIZE STANDARDS

All landscaping materials installed in Mariposa in natural areas, transition areas and setbacks must comply with the following minimum size standards depending on availability.

<u>Vegetation Type</u>	<u>Min. Size Standards</u>
Deciduous Trees	2" caliper (Standard) or 8' Height (Multi-Trunk)
Evergreen Trees	8' Height
Shrubs	5 gallon
Groundcovers	1 gallon

APPROVED PLANT LIST

Design Objective: The Founder has deemed the plants included in the following list to be indigenous to and compatible with the Mariposa environment and encourages their use. Any species not on this list may not be planted or installed at Mariposa, outside the Private Area, without written approval from the Founder.

Common Name	Scientific Name
Trees	
Arizona Walnut	Juglans major
Arizona White Oak	Quercus arizona
Austrian Pine	Pinus nigra austriaca
Bigtooth Maple	Acer grandidentatum
Box Elder	Acer negundo
Bristlecone Pine	Chilotaipa Tashkentensis
Chokecherry	Prunus virginiana
Desert Willow	Chilopsis linearis
Eastern Redbud	Cercis canadensis
Emory Oak	Quercus emoryi
Escarpment Live Oak	Quercus fusiformis
Fragrant Ash	Fraxinus cuspidata
Gambel Oak	Quercus gambelli
Gray Oak	Quercus grisea
Hackberry	Celtis occidentalis
Hawthorn Species	Crataegus sp.
Hoptree	Ptelea trifoliata
Limber Pine	Pinus flexilis
Mexican Elder	Sambucus mexicanas
Netleaf or Common Hackberry	Celtis reticulata
New Mexico Locust	Robinia neomexicana
Oklahoma Redbud	Cercus reniformis
One-seed Juniper	Juniperus monosperma
Pinon Pine	Pinus edulis
Prarie Flameleaf Sumac	Rhus lanceolata
Purple Robe	Robinia ambigua
Quaking Aspen	Populus tremuloides
Rocky Mountain Maple	Acer glabrum
Rocky Mountain Juniper	Juniperus scopulorum
Scotch Pine	Pinus sylvestris
Shrub Live Oak	Quercus turbinella
Smoke Tree	Cotinus
Soap Tree Yucca	Yucca eiata
Southwestern White Pine	Pinus stroblformis

Velvet Ash
Vitex
Wavyleaf Oak
Western Redbud

Fraxinus velutina
V. angus-castus
Quercus undulata
Cercis occidentalis

Shrubs

Algerita
Algerita
Antelope Bitterbrush
Apache Plume
Austrian Copper Rose
Autum Sage
Beargrass
Big Beargrass
Bignonia
Bluemist Bluebeard
Broom Dalea
Brownspine prickly pear
Buffaloberry
Butterflybush
Chamisa
Cherry Sage
Chokecherry
Cholla
Cinquefoil (potentilla)
Cliff fedlerbush
Cliff-rose
Club cholla
Compact Oregon Grapeholly
Coralberry
Creeping Oregon grape
Curl Leaf Mt. Mahogany
Desert Broom
Desert Ceonothus
Desert Prickly Pear
Dunebroom
Dwarf Butterfly Bush
Dwarf Chamisa
False Indigo
Feather Dalea
Fernbush
Four Wing Saltbush
Fringe Sage
Gardner's Saltbush
Golden Current
Green Sotol
Greenleaf Manzanita
Greyleaf Cotoneaster
Hedgehog cactus
Horehound
Joint Fir
Lady Bank's Rose
Littleleaf Sumac
Mariola
Morman tea
Mountain Mehogany
Mugo Pine
New Mexico Agave
New Mexico Olive
Oregonillo
Perry's Agave
Persian Yellow Rose
Pointleaf Manzanita
Prarie Sage

Mahonia trifoliolata
Berberis haematocarpa
Purshia tridentata
Fallugia paradoxa
Rosa foetida bicolor
Salvia greggii
Nolina texana
Nolina Microcarpa
Artemisia tridentata
Caryopteris x clandonensis
Psoralea scorpiaria
Opuntia phaeacantha
Shepherdia canadensis
Buddeia alternifolia
Chrysothamnus nauseosus
Salvia greggii
Prunus vigemana
Opuntia imbricata
Potentilla fruticosa
Fendlera rupicola
Cowania mexicana
Opuntia clavata
Mahonia aquifolium "compact"
Symphoricarpos orbiculatus
Berberis repens
Cercocarpus ledifolius
Baccharis salicina
Ceanothus greggii
Opuntia engelmannii
Parryella filifolia
Buddeia davidi nanohensis
Chrysothamnus depressus
Amorpha fruticosa
Dalea formosa
Chamaebatiaria millefolium
Atriplex canescens
Artemisia frigida
Atriplex gardneri
Ribes aureum
Dasyirion leiophyllum
Arctostaphylos patula
Cotoneaster glaucophylla
Echinocereus spp.
Marrubium vulgare
Ephedra torryana
Rosa banksiae "Lutea" or Alba'
Rhus microphylla
Parthenium incanum
Ephedra viridis
Cercocarpus montanus
Pinus mugo
Agave neomexicana
Forestiera neomexicana
Aloysia wrightii
Agave parri
Rose foetida persica
Arctostaphylos pungens
Artemisia ludoviciana

Red Yucca	Hesperaloe parviflora
Red-Osier Dogwood	Cornus stolonifera
Rock Spray	Holodiscus dumosus
Rocky Mountain Zinnia	Zinnia grandiflora
Sand Cherry	Prunus besseyi
Scotch Broom	Cytissus scoparius
Seapweed	Baccharis glutinosa
Serviceberry	Amelanchier alnifolia
Shadescale	Atriplex confertifolia
Siberian Peashrub	Caragana arborescens
Silver Buffaloberry	Shepherdia argentea
Silverberry	Elgagnus pungens
Silverlace Vina	Polygonum aubertii
Smooth Sumac	Rhus giebra
Snowberry	Symphoricarpos Albus
Soaptree Yucca	Yucca eiata
Soaptree Yucca	Yucca glauca
Sotol	dasyilirion wheeleri
Spanish Broom	Spartium junceum
Spanish Dagger	Yucca baccata
Staghorn Sumac	Rhus typhina
Summer Broom	Genista lydia
Summer Broom	Genista multibracteata
Threadleaf Sage	Artemisia filifolia
Three Leaf Sumac	Rhus trilobata
Turpentine bush	Ericameria laricifolia
Utah Agave	Agave utahensis
Utah Serviceberry	Amelanchier utahensis
Wax Currant	Ribes cereum
Western Virgin's Bower	Clematis ligusticifolia
Western Sand Cherry	Prunus besseyi
Winter Jasmine	Jasminum nudiflorum
Winterfat	Eurotia lanata
Winterfat	Ceratoides lantana
Wolfberry	Lycium pallidum
Woodbine	PartheFounderissus inserta
Woods Rose	Rosa woodsii

Herbaceous

Angelita Daisy	Hymenoxys acaulis
Autumn Joy Sedum,	Sedum spp.
Rosy Glow, Cape B	Artemisia stelleriana
Beach Wormwood	Meiampodium leucanthum
Blackfoot Daisy	Gaillardia spp.
Blanket flower	Delphinium chinensis hybrid
Blue Butterflies' Dwarf Delph	Linum lewisii
Blue Flax	Euphorbia myrsinites
Blue Spurge	Sisyrichium bellum
Blue-eyed Grass	Ervsimum linifalium
Bowles Mauve - walflower	Agastache cana
Bubblegum Mint	Ipomoea leptophylla
Bush Morning Glory	Penstemon ambigvus
Bush Pensteman	Asclepias tuberosa
Butterfly Weed	Penstemon cardinalis
Cardinal Pensteman	Nepeta mussini
Catmint	Berliandiera lyrata
Chocolate flower	Thymus vulgaris/serpyllum
Common Thyme	Agastache rupestris
Coral Mint	Gypsophila repens
Creeping Baby's Breath	Helichrysum angustifolium
Curry Plant	Verbena bipinnatifida
Dakota Verbena	Verbena bipinnatifida
Dakota Verbena	P. pseudospectabilis
Desert Beardtongue	

Desert Marigold	Baileya multiradiata
Desert Sage	Silvia dornii
English Lavender	Lavaduia angustifolia
Fern Verbena	Verbena bipinnatiflida
Firecracker Penstemon	Penstemon eatoni
Garden Sage	Salvia officinalis
Garlic Chives	Allium tuberosum
Gaura	Gaura lindheimeri
Gayfeather	Liatris punctata
Germander	Teucrium chamaedrys
Giant Four-O'Clock	Mirabilis multiflora
Globemallow	Sphaeralsia spp.
Golden Aster	Chrysopsis villosa
Hen-n-Chicks	Sempervivum
Hummingbird Mint	Agastache rupestris
Hummingbird plant, California Fuschia	Zauschneria californica
Indian Paintbrush	Castilleja species
James Penstemon	Penstemon jamesii
Kinnikinnick	Artostaphylos uva-ursi
Lady Bank's Rose	Rosa banksiae "Lutea" or "Alba"
Maximillian Sunflower	Helianthus maximiliani
Mexican Evening Primrose	Oenothera berlandiera
Mexican Hat	Ratibida columnifera
Mexican Sage	Salvia leucantha
Mock Strawberry	Duchesnea indica
Moonshine Yarrow	Achillea taygetea
Narrowleaf Penstemon	Penstemon angustifolius caudatus
Nodding Onion	Allium cernuum
Oregano	Origanum spp.
Organ Mt. Primrose	Oenothera orgamensis
Ornamental Catmint	Nepeta mussini
Palmer Penstemon	Penstemon palmeri
Paper Flower	Psilostrophe tagetes
Penstemon	Penstemon linariodes
Perky Sue	Hymenoxys species
Peruvian Verbena	Verbena peruviana
Pincushion	Dianthus simulans/tiny rubies
Pineleaf Penstemon	Penstemon pinifolius
Pink Chintz	Thymus praecos
Pitcher Sage	Salvia azures grandiflora
Plains Verbena	Verbena canescens
Powis Castle Wormwood	Artemisia aabrotanum
Purple Aster	Machaeranthera bigelovii
Purple iceplant	Delosperma cooperi
Purple Prairie Clover	Petalostemum purpureum
Pussytoes	Antennaria spp.
Rayed Cota	Thelesperma filifolia
Red Hot Poker	Kniphofla uvaria
Rocky Mountain/Desert Zinia	Zinnia graniflora
Rocky Mountain Penstemon	Penstemon strictus
Roman Wormwood	Artemisa pontica
Rosemary	Rosmarinus officianalis
Rue	Ruta graveolens
Russian Sage	Perovskia atriplicifolia
Santolina	Santolina chamaecyparissus
Scarlet Bulger	Penstemon barbatus
Scarlet Mint	Stephys coopicee
Serbian Yarrow	Achilas serbioa/milefolium
Siberian Iris	Iris siberica
Silver SpeedII/Birdseye/Veronica	Incana/allioni/alba
Turkish Speedwell	Cunefolia/filliformis/liwanesis
Silverleaf Groundsel	Senecio longilobus
Snow-in-Summer	Cerastium tomentosum

Soapwort	Saponia ocymoides
Starflower	Ipheon uniflorum
Sundrops	Caylophus hartwegii
Sunrose	Hellanthemun nummularlum
Sweet Sand Verbena	Aronia fragrans
Wasatch Penstemon	Penstoman cyananthus
Western Verain	Verbena wrghtii
White Evening Primrose	Oenothera caespitosa
White Yarrow	Achillea millefolium
Wild Marigold	Dyssodia acerosa
Wild Onion	Allium geyeri
Winecups	Callirhoe involucrata
Woody Veronica	Veronica pectinata
Woolly Lamb's Ear	Stachys lanata
Wooly Thyme	Thymus pseudolanuginosis
Wrights Buckwheat	Eriogonum wrightii
Yellow Evening Primrose	Oenothera missouriensis
Yellow iceplant	Delosperma nubigenum
Yerba de Mansa	Anemopsis californica

Grass

Alkali Sacaton	Sporobolus airoides
Ariba Western Wheatgrass	Pasoopyrum smithii
Black Grama	Bouteloua eriopoda
Blue Avena Grass	Helictotrichon sempervirens
Blue Grama	Bouteloua gracilis
Buffalograss	Buchloe dactyloides
Burro Grass	Scieropogon brevifolius
Bush Muhly	Muhlenbergiaporteri
Cheyenne Indian Grass	Sorghastrum nutans
Dwarf Feathertop	Pennisetum villosum
Galleta	Hilaria jamesli
Giant Sacaton	Sporoboluswrightii
Hairy Grama	Bouteloua hirsuta
Indian Ricegrass	Oryzopsis hymenoides
Little Bluestem	Andropogon scoparius
Mountain Muhly	Muhlenbergia montana
Redondo Arizona Fescue	Festuca arizonica
Regal Mist	Muhlenbergia capilaris
Ring Muhly	Muhlenbergia torryi
Sano Bluestem	Andropogon hallii
Sand Dropseed	Sporobolus cyrptandrus
Sand Lovegrass	Eragrostis tricides
Side-oats Grama	Bouteloua curtispindula
Silver Bluesetem	Andropogon barbinodis
Spike Dropseed	Sporobolus contractus
Sporobolus cyrptandrus	Sand Dropseed

Reclamation Seed Mix

The reclamation seed mix must be used to re-vegetate all Transition Areas disturbed during the construction process. Reclamation seeding information may be obtained from the Mariposa Information Office. The most appropriate seed mix is as follows:

<u>Common Name</u>	<u>Scientific Name</u>	<u>Lbs./Ac.</u>
Bouteloua curtispindula	Sideoats Grama "Niner"	9.0
Bouteloua gracilis	Blue Grama "Hachita"	9.0
Hilaria jamesii	Indian Rice Grass "Paloma"	4.0
Oryzopsis hymenoides	Galleta "Viva"	
Sporobolus cryptandrus	Sand Dropseed	2.0
Muleybergia porteri	Bush Muhly	1.0

Fallugia paradoxa	Apache Plume	0.5
Ceritoides lanata	Winterfat	1.5
Chrysothamnus nauseosus	Chamisa	0.5
Verbena bipinnatifida	Fern Verbena	0.75
Aster Bigelovii	Purple Aster	0.5
Senecio longilobus	Thread leaf Groundsel	0.5
Sphaeralcea coccinea	Scarlet Globemallow	0.25
Baileya multiradaiaata	Desert Marigold	0.5
Linum lewisii	Blue Flax	0.5

Change From Approved Seed Mix

Founder will consider variations from the standard Mariposa seed mix, based on seed availability, site conditions and proposed landscape plan. Any proposed change to the standard Mariposa seed mix must make a written request to the Founder of approval.

PROHIBITED PLANTS

These are plants, which will grow in the region but, due to inappropriate biological or visual characteristics, are prohibited from use anywhere on a Estate or Highland Lots:

1. All Palm Trees
2. European/Russian Olive - *Olea europaea*, and *Elaeagnus angustifolia*
3. Tamarisk or Salt cedar - *Tamarix* spp.
4. Cypress - *Cupressus* and *Chamaecyparis* spp.
5. Elms - *Ulmus Pumila*
6. Mulberry - *Morus Alba*
7. Narrow leaf Cottonwood - *Populus Angustifolia*
8. Broadleaf Cottonwood - *Populus Deltoides*
9. Valley Cottonwood - *Populus fremonti* 'Wislizeni'
10. Poplar Cottonwood - *Populus Nigra*
11. Ponderosa Pine
12. Palm Yucca

WATER CONSERVATION GOALS

Design Objective: Mariposa seeks to become a model for efficient water use in this arid New Mexican environment. The guidelines for landscaping, building design and construction are conceived to minimize consumption and encourage reuse. Mariposa will continuously promote consciousness about conservation and use, to assure that the water needs of the community and the region are realized. In order to meet the water conservation goals, the following policies for water use at Mariposa shall apply (see the Sustainable Living section of these Guidelines for more information and details on water conservation).

Requirements and Recommendations:

1. No resident shall waste water through excessive watering or cause the flow of waste or excess water onto adjacent property, streets or open space.
2. Specific water conservation requirements and recommendations for the interior of the home are listed in the Sustainable Living section of these Guidelines.