TREES

Common Name	Botanical Name	Type of Tree				Height				Density			Shape						Rate			Texture			Tolerances				Life of Tree			Outstanding Characteristics									Possible Sites									Problems									
		Broadleaf Evergreen	Deciduous	Coniferous	Palm	Up to 15'	15' to 30'	30' to 50'	Over 50'	Open	Medium	Dense	Round	Spreading	Columnar	Oval	Upright	Pyramidal	6" Max. * Slow	Moderate	1' Min. * Rapid	Fine	Medium	Coarse	Drought	Wind	Recycled Water (#)	Disease Resistance	20 to 40 Years	40 to 80 Years	Over 80 Years	Aromatic	Attracts Birds	Fruit * Flower	Fall Color	Unusual Leaves	Clean * Neat	Bark	Silhouette	Specimen	Irrigated Lawn	Unirrigated Conditions	Parking Lot * Plaza	Open Space * Park	Access * Perimeter Road	Internal Roads	Limited Access Roads	Bike Paths	Pedestrian Walks	Medians	Brittle Branches	Dangerous Fruit/Cones	Frost may Damage	High Amount of Litter	High Maintenance Required	High Water Requirements	Invasive Root System	Litter Inhibits Undergrowth	Poor Growth Habit	Roots Heave Pavement	Sensitive to Digging/Moving	Sensitive to Overwatering	Short Lived	Weak Wood	Wind Damage
Bailey Acacia	Acacia baileyana	*					*				*		*							*		*			*	*		*	*					*		*					*		*	*	*	*	*	*		*		*									
Blackwood Acacia	Acacia melanoxylon	*						*				*					*			*			*		*	*	*	*		*											*	*		*		*		*				*			*						
Red Maple	Acer rubrum		*				*				*		*	*			*				*		*						*					*	*	*	*	*		*	*	*	*			*	*	*	*			*	*		*							*
Silver Maple	Acer saccharinum		*						*	*				*			*				*			*						*					*						*			*	*			*	*	*		*		*	*		*				*
Red Horsechestnut	Aesculis carnea		*				*				*							*		*			*					*	*					*	*						*	*	*			*	*							*						
Silk Tree	Albizia julibrissin		*				*			*				*						*		*				*				*			*	*		*			*	*	*			*					*		*									
Italian Alder	Alnus cordata		*					*			*					*	*			*			*				*			*									*		*			*					*					*						
Strawberry Tree	Arbutus unedo	*					*					*	*						*				*		*	*	*	*		*			*	*			*				*		*				*	*			*									
Queen Palm	Arecastrum romanzoffianum				*			*		*							*				*		*							*					*			*		*		*								*		*								*
Weeping Bottlebrush	Callistemon viminalis	*						*				*		*						*			*	*				*		*		*	*	*		*				*	*	*	*				*	*	*				*					*		
European Hornbeam	Carpinus betulus	*	*				*					*	*		*		*		*				*		*					*							*		*	*	*	*	*	*	*		*		*									*		
Western Catalpa	Catalpa speciosa		*						*		*		*							*			*						*					*							*			*									*								*
Chinese Hackberry	Celtis sinensis		*					*			*		*							*		*			*	*	*			*										*	*	*	*	*	*	*	*	*													
Common Hackberry	Celtis occidentalis		*					*			*		*							*		*			*	*	*	*		*										*	*	*	*	*	*	*	*	*													
European Hackberry	Celtis australis		*						*		*		*								*	*			*	*	*			*										*	*	*	*	*	*	*	*	*													
Eastern Redbud	Cercis canadensis		*			*					*		*							*			*		*			*		*				*	*							*	*					*	*												
Washington Thorn	Crataegus phaenopyrum		*				*			*			*							*			*		*			*	*				*	*	*					*	*		*				*	*	*				*								
Bronze Loquat	Eriobotrya deflexa	*					*				*		*							*				*						*						*			*		*				*		*	*	*											
Red Gum	Eucalyptus camaldulensis	*							*		*		*	*							*		*		*	*	*	*		*		*		*								*		*	*					*					*						
Microtheca Eucalyptus	Eucalyptus microtheca	*						*			*		*							*			*		*	*				*		*		*								*		*	*					*											
Peppermint Eucalyptus	Eucalyptus nicholii	*						*			*			*						*			*		*	*		*		*		*							*		*	*	*	*	*	*	*	*	*												
Desert Gum	Eucalyptus rudis	*							*		*			*			*			*			*		*	*	*	*		*		*		*								*	*		*	*					*											
Raywood Ash	Fraxinus oxycarpa 'Raywood'		*						*		*					*	*			*			*				*			*					*					*	*		*	*	*	*		*	*	*											
Australian Willow	Geijera parviflora	*					*				*				*	*				*			*		*			*	*										*		*	*	*	*	*		*	*	*	*											
Maidenhair Tree	Ginkgo biloba		*					*		*				*			*		*				*		*			*		*					*	*			*	*	*		*			*	*	*	*	*											*
Jacaranda	Jacaranda acutifolia		*					*		*						*				*		*						*		*			*	*		*			*		*		*		*							*							*		*
Chinese Flame Tree	Koelreuteria bipinnata		*					*			*		*								*		*		*	*			*					*	*	*					*	*	*	*	*	*			*			*	*			*					
Goldenrain Tree	Koelreuteria paniculata	*						*			*		*						*				*		*	*			*					*	*	*					*	*	*	*				*	*	*				*	*						
Crape Myrtle	Lagerstroemia indica		*				*			*							*		*			*			*				*				*	*	*		*	*	*		*	*					*	*							*					
Sweet Bay	Laurus noblis 'Saratoga'	*					*					*	*						*				*		*	*			*			*				*					*	*		*													*				
Tulip Tree	Liriodendron tulipifera		*						*		*					*					*			*				*		*				*	*			*			*			*																
Southern Magnolia	Magnolia grandiflora	*						*				*		*						*				*				*		*		*	*	*		*			*	*	*		*	*	*			*	*	*							*				*
Crabapple	Malus 'Robinson'		*				*				*			*						*			*					*	*			*	*	*					*	*							*	*										*		
Mayten Tree	Maytenus boaria	*					*				*					*			*			*						*		*						*		*	*	*		*	*	*		*	*	*	*			*					*			
Flaxleaf Paperbark	Melaleuca linanifolia	*					*					*	*						*			*			*	*			*				*		*		*			*	*	*		*	*	*	*	*	*		*							*		
New Zealand Christmas Tree	Metrosideros excelsus	*					*					*	*						*				*			*				*			*							*		*			*		*	*	*		*									
Canary Island Pine	Pinus canariensis			*					*			*			*			*		*				*		*		*		*		*						*		*	*	*	*	*					*			*								
Chinese Pistache	Pistachia chinensis		*					*			*		*							*			*		*	*			*					*	*						*	*	*	*			*	*	*			*	*								*
Victorian Box	Pittosporum undulatum	*						*				*	*								*	*			*		*	*	*				*	*							*	*	*	*	*	*		*	*			*	*	*							
London Plane Tree	Platanus acerifolia		*					*			*			*							*			*	*	*				*				*	*			*			*		*	*																
Fern Pine	Podocarpus gracilior			*					*		*					*				*		*			*				*							*					*		*				*	*	*											
White Poplar	Poplus alba		*					*				*				*					*		*			*				*					*						*	*		*	*		*			*			*	*		*		*			
Lombardy Poplar	Populus nigra 'Italica'		*						*			*			*						*		*			*			*						*		*	*			*	*	*	*	*										*		*			
Cherry Plum	Prunus cerasifera		*				*				*			*							*		*						*					*	*	*	*	*		*	*		*			*	*	*				*	*								
Ornamental Pear	Pyrus calleryana		*					*			*							*		*			*						*					*	*						*	*					*	*												
Coast Live Oak	Quercus agrifolia	*						*			*			*			*				*		*								*								*	*	*	*			*										*		*			
Scarlet Oak	Quercus coccinea		*						*	*						*	*			*			*								*								*	*		*	*	*		*	*	*											*		
Holly Oak	Quercus ilex	*					*				*			*					*				*		*	*		*		*								*		*		*	*	*	*	*	*	*				*									
Pin Oak	Quercus palustris		*						*		*							*		*				*	*			*			*				*			*	*	*	*		*	*		*															
Red Oak	Quercus rubra	*							*		*		*						*					*				*		*				*	*			*	*				*	*	*					*											
Cork Oak	Quercus suber	*						*			*		*							*			*		*	*		*			*					*	*	*	*	*	*	*	*	*	*	*	*	*													
African Sumac	Rhus lancea	*					*			*			*						*				*		*	*												*		*	*	*	*	*			*	*													
Chinese Tallow	Sapium sebiferum		*					*			*		*								*		*					*		*					*			*		*		*				*	*							*							
Briazilian Pepper	Schinus terebinthifolius	*					*					*	*							*			*		*	*				*			*					*		*		*	*	*	*		*	*				*									
Coast Redwood	Sequoia sempervirens			*					*			*						*			*	*						*		*		*						*		*			*		*	*	*	*						*							
Little Leaf Linden	Tilia cordata		*						*			*				*			*				*			*				*			*							*		*		*	*	*	*													
Brisbane Box	Tristania conferta	*							*		*					*					*			*	*	*		*		*		*					*			*	*	*	*	*		*	*	*	*			*									*
Water Gum	Tristania laurina	*					*				*					*				*		*			*	*		*		*			*		*		*				*	*	*		*		*	*	*			*					*				
Chinese Elm	Ulmus parvifolia	*						*			*			*							*	*							*									*	*	*	*	*	*		*	*	*	*			*									
California Fan Palm	Washingtonia filifera				*				*		*						*				*			*	*	*									*			*				*		*				*	*											
Mexican Palm	Washingtonia robusta				*				*		*						*				*			*	*	*									*			*				*		*				*	*											

Note to users of this chart: This list was prepared considering the environmental and horticultural conditions for the City of Milpitas. It is intended to be as "inclusive" as possible to maximize the aesthetic and functional uses of trees in Milpitas, and to emphasize appropriate considerations in the selection of tree species for certain uses. In is not intended to be the absolute authority on tree species for the City of Milpitas. We encourage ongoing revision of this list and experimentation with new species. (#) Per South Bay Water Recycling Agency species listing.

Figure 21 Species Characteristics Table

SHRUBS, GROUNDCOVERS & VINES

Common Name	Botanical Name	Type: Evergreen	Type: Deciduous	Height: Low - Up to 12"	Height: Short 18 - 24"	Height: Medium - 36"	Height: Tall - over 48"	Density: Open	Density: Medium	Density: Dense	Shape: Round	Shape: Arching	Shape: Oval	Shape: Upright	Shape: Spreading	Shape: Flat mat	Rate: Slow	Rate: Moderate	Rate: Rapid	Texture: Fine	Texture: Medium	Texture: Coarse	Tolerances: Drought	Tolerances: Wind	Tolerances: Shade	Tolerances: Recycled Water (#)/ Salt tolerant	Water Use: Low	Water Use: Moderate	Water Use: High	Lifecycle: Short Lived	Lifecycle: Moderate	Lifecycle: long-lived	Characteristics: Aromatic	Characteristics: Attracts Birds/ Butterflies	Characteristics: Fruit * Flower * Leaf * Bark	Characteristics: Fall Color	Characteristics: Screening/ Barrier	Characteristics: Clean * Neat	Characteristics: Needs Well Drained Soil	Characteristics: Does not Tolerate Shearing
SHRUBS																																								
Abelia grandiflora	Glossy Abelia	*				*				*		*		*					*	*				*			*				*				*			*		*
Arbutus unedo	Strawberry Tree	*					*		*					*			*				*			*	*	*	*				*			*	*		*			*
Acanthus mollis	Bear's Breach	*			*					*					*							*			*			*			*							*		*
Agapanthus africanus	Lily of the Nile	*			*	*				*				*					*			*	*	*	*	*		*			*				*			*		*
Arctostaphylos cultivars	Manzanita	*			*	*	*		*					*	*	*		*			*			*			*				*				*					
Berberis thunbergii	Japanese Barberry	*					*		*					*				*		*				*	*		*				*			*	*		*			
Buddleia davidii	Butterfly Bush		*						*			*		*					*	*			*			*	*				*		*	*	*					*
Carpenteria californica	Bush anemone		*				*		*		*						*				*		*				*				*				*					
Ceanothus species	Wild Lilac	*					*			*				*				*	*	*			*	*			*			*				*	*				*	*
Cercis occidentalis	Western Redbud		*				*	*						*					*			*	*	*			*				*				*	*		*	*	*
Chaenomeles cultivars	Flowering Quince		*				*		*					*				*	*		*		*	*			*					*			*		*			
Cistus species	Rockrose	*				*	*			*	*								*		*			*		*	*				*				*			*	*	
Cotinus coggygria	Smoke Bush		*				*	*						*					*	*			*	*			*				*				*	*			*	
Cotoneaster lacteus	Red Clusterberry	*					*		*			*		*					*		*		*	*	*		*					*			*	*		*		
Dietes bicolor or vegetata	African Iris	*				*				*				*				*		*			*	*	*	*	*				*				*					*
Escallonia exoniensis	Escallonia	*				*	*			*	*							*		*				*	*	*		*			*				*		*	*		
Euryops pectinatus	Gold Shrub Daisy	*				*	*			*			*						*	*			*	*		*	*			*					*			*		
Feijoa sellowiana	Pineapple Guava	*					*			*				*				*			*		*	*	*	*	*				*				*		*			
Fremontedendron hybrids	Flannel Bush	*					*		*					*					*		*		*				*				*				*	*			*	
Heteromeles arbutifolia	Toyon	*					*	*						*					*		*		*		*	*	*					*		*	*				*	*
Kniphofia uvaria	Red Hot Poker	*				*				*								*	*	*			*	*	*	*	*				*				*					
Myrsine africanum	African Box	*					*			*				*				*		*				*	*	*		*			*						*	*		
Myrtus communis	Myrtle	*					*			*	*							*		*			*	*	*		*				*		*		*		*			
Nandina domestica 'compacta'	Heavenly Bamboo	*				*				*	*							*		*					*	*		*			*				*	*		*	*	
Nerium oleander	Oleader	*					*		*					*					*		*		*	*			*				*				*		*			
Phorium tenax	New Zealand Flax	*					*	*						*					*			*	*	*		*	*				*				*		*			
Photinia fraseri	Fraser Photinia	*					*		*				*						*		*		*				*				*				*		*			
Raphiolepis indica	India Hawthorn n	*				*			*		*							*			*							*			*				*				*	
Sollya heterophylla	Australian Bluebell	*			*				*						*			*		*					*	*		*			*				*					
Viburnum tinus 'Spring bouquet'	Spring Bouquet Viburnum	*					*			*				*					*		*			*		*		*			*				*			*	*	
Xylosma congestum 'compacta'	Shiny Xylosma	*				*				*					*				*		*		*	*				*			*						*	*		
GROUNDCOVERS																																								
Acacia redolens	Prostrate acacia	*			*					*					*				*		*		*	*		*	*				*				*					
Arctostaphylos 'Point Reyes'	Point Reyes Manzanita	*			*					*						*			*	*				*	*	*		*			*				*			*	*	
Baccharis piluaris 'Twin Peaks'	Drawf Coyote Brush	*			*					*					*				*	*				*		*		*												
Ceanothus rigidus " Snowball"	Snowball Manzanita	*				*				*					*			*		*			*		*		*				*				*					
Ceratostigma plumbagoides	Dwarf Plumbago	*			*					*						*			*	*			*		*	*	*				*				*				*	
Coprosma kirkii	Creeping Coprosma	*			*					*						*		*		*			*	*		*	*				*									
Correa 'Carmine Bells'	Australian Fuchsia	*				*			*						*			*			*				*			*			*			*	*				*	
Gazania hybrids	Gazania	*		*						*						*			*	*				*		*		*			*				*					
Hemerocallis species	Daylily	*	*		*					*				*				*		*			*	*	*	*	*				*				*				*	
Lanatana montevidensis	Trailing Lantana	*		*					*							*			*	*			*	*		*	*				*			*	*				*	
Limonium perezii	Sea Lavender	*		*					*					*					*			*	*	*	*	*	*				*				*					*
Mahonia aquifolium 'compacta'	Compact Oregon Grape	*			*				*						*			*				*		*	*			*			*			*	*		*		*
Plumbago auriculata	Cape Plumbago	*					*			*		*						*			*				*			*			*				*					
Ribes viburnifolium	Evergreen Currant	*				*			*			*						*			*		*		*			*			*				*		*			
Rosemarinus officianalis	Spreading Rosemary	*		*						*					*				*	*			*	*		*	*				*			*	*	*			*	
Santolina virens	Green Lavender Cotton	*		*						*						*			*	*			*	*		*	*				*				*				*	
VINES																																								
Clytostoma callistegioides	Lavender Trumpet vine	*								*					*			*			*				*			*			*				*				*	
Disticus bucinaatoria	Blood Red Trumpet Vine	*								*					*			*			*		*	*		*	*				*				*				*	
Gelsemium sempervirens	Carolina jessamine		*							*					*			*		*				*	*			*			*		*		*					
Jasminum polyanthum	Pink Jasmine		*							*					*			*		*								*			*		*		*				*	
Macfadyena unguis-cati	Yellow Trumpet Vine	*								*					*				*		*		*	*			*				*				*					
Parthenocissus tricuspitdata	Boston Ivy		*							*					*				*			*	*	*	*	*		*				*				*				
Rosa banksiae	Lady Banks Rose	*								*					*				*		*			*		*		*			*		*		*				*	
Solanum jasminoides	Potato Vine	*								*					*				*	*			*	*			*				*				*					
Wisteria sinensis	Chinese Wisteria		*							*					*			*			*							*				*	*		*	*				

Figure 22. Species Characteristics Table (Continued)