

# City of Mountain View Street Tree List

| Street Tree Name       | Botanical Name                   | Height  | Spread  | Growth rate | Scale    | Water needs      | Deciduous      |
|------------------------|----------------------------------|---------|---------|-------------|----------|------------------|----------------|
| American Elm**         | <i>Ulmus americana</i>           | 55'     | 35'     | Moderate    | Large    | Regular          | Deciduous      |
| American Hazelnut      | <i>Corylus americana</i>         | 18'-20' | 10'-12' | Moderate    | Small    | Regular          | Deciduous      |
| Australian Willow      | <i>Geijera parviflora</i>        | 25'-40' | 15'-25' | Fast        | Small    | Little/Moderate  | Evergreen      |
| Avocado                | <i>Persea americana</i>          | 40'-50' | 40'-50' | Moderate    | Large    | Regular          | Deciduous      |
| Black Maple            | <i>Acer nigrum</i>               | 50'-60' | 30'-40' | Fast        | Large    | Regular/Moderate | Deciduous      |
| Black Walnut           | <i>Juglans nigra</i>             | 50'-80' | 40'-50' | Slow        | Large    | Moderate         | Deciduous      |
| Brisbane Box           | <i>Lophostemon confertus</i>     | 30'-50' | 30'-40' | Moderate    | Large    | Little/Regular   | Evergreen      |
| Bronze Loquat          | <i>Eriobotrya deflexa</i>        | 15'-30' | 15'-30' | Moderate    | Small    | Regular/Moderate | Evergreen      |
| California Pepper      | <i>Schinus molle</i>             | 30'-45' | 30'-45' | Fast        | Large    | Little/Moderate  | Evergreen      |
| Carolina Laurel Cherry | <i>Prunus caroliniana</i>        | 20'-30' | 15'-25' | Fast        | Small    | Moderate         | Evergreen      |
| Camphor Tree           | <i>Cinnamomum camphora</i>       | 40'-50' | 60'     | Slow        | Large    | Little/Regular   | Evergreen      |
| Chinese Evergreen Elm  | <i>Ulmus parvifolia</i>          | 40'-60' | 50'-60' | Fast        | Large    | Regular          | Semi-Evergreen |
| Chinese Flame Tree     | <i>Koelreuteria integrifolia</i> | 20'-40' | 20'-30' | Moderate    | Sm./Med. | Moderate/Regular | Deciduous      |
| Chinese Fringe Tree    | <i>Chionanthus retusus</i>       | 20'     | 20'     | Slow-Mod.   | Small    | Moderate/Regular | Deciduous      |

| Comprehensive Tree Profile: Key Characteristics and Growth Data |                                 |          |          |             |          |                  |                |
|---|---------------------------------|----------|----------|-------------|----------|------------------|----------------|
| StreetTree Name   | Botanical Name                  | Height   | Spread   | Growth rate | Scale    | Water needs      | Deciduous      |
| Chinese Pistache  | <i>Pistacia chinensis</i>       | 30'-40'  | 30'-35'  | Slow        | Medium   | Little/Regular   | Deciduous      |
| Chinese Tallow  | <i>Triadica sebifera</i>        | 30'-40'  | 25'-30'  | Fast        | Medium   | Moderate/Regular | Deciduous      |
| Chitalpa  | × <i>Chitalpa tashkentensis</i> | 20'-30'  | 20'-30'  | Fast        | Sm./Med. | Little/Moderate  | Deciduous      |
| Coast Live Oak  | <i>Quercus agrifolia</i>        | 30'-70'  | 40'-70'  | Slow        | Large    | Little/Moderate  | Evergreen      |
| Cork Oak  | <i>Quercus suber</i>            | 30'-60'  | 30'-50'  | Slow        | Large    | Moderate         | Evergreen      |
| Crape Myrtle  | <i>Lagerstroemia indica</i>     | 10'-30'* | 15'-25'* | Moderate    | Sm./Med. | Moderate         | Deciduous      |
| English Hawthorne   | <i>Crataegus laevgata</i>       | 18'-25'  | 15'-20'  | Moderate    | Small    | Moderate         | Deciduous      |
| European Beach  | <i>Fagus sylvatica</i>          | 60'-70'  | 40'-50'  | Fast        | Large    | Moderate/Regular | Deciduous      |
| Evergreen Pear  | <i>Pyrus kawakamii</i>          | 15'-30'  | 15'-30'  | Moderate    | Small    | Moderate         | Semi-Evergreen |
| European Hornbeam   | <i>Carpinus betulus</i>         | 30'-40'  | 40'      | Moderate    | Medium   | Regular          | Deciduous      |
| Fern Pine   | <i>Podocarpus gracilior</i>     | 30'-50'  | 25'-35'  | Slow        | Medium   | Regular          | Evergreen      |
| Freeman Maple   | <i>Acer x Freemanii</i>         | 30'-40'  | 30'      | Fast        | Medium   | Moderate/Regular | Deciduous      |
| Golden Rain   | <i>Koelreuteria paniculata</i>  | 25'-40'  | 25'-30'  | Moderate    | Small    | Moderate/Regular | Deciduous      |
| Green Ash   | <i>Fraxinus pennsylvanica</i>   | 30'-40'  | 40'      | Fast        | Medium   | Regular          | Deciduous      |
| Jacaranda   | <i>Jacaranda mimosifolia</i>    | 25'-40'  | 15'-30'  | Fast        | Medium   | Moderate         | Semi-Evergreen |
| Japanese Loquat   | <i>Eriobotrya japonica</i>      | 15'-30'  | 15'-25'  | Moderate    | Small    | Moderate/Regular | Evergreen      |
| Kentucky Coffee Tree  | <i>Gymnocladus dioicus</i>      | 50'-75'  | 40'-50'  | Moderate    | Large    | Regular          | Deciduous      |
| Lilly of the Valley Tree  | <i>Crinodendron patagua</i>     | 20'-25'  | 20'      | Slow-Mod.   | Small    | Regular          | Evergreen      |
| Maidenhair Tree   | <i>Gingko biloba</i>            | 40'-60'  | 30'-50'  | Fast        | Large    | Moderate/Regular | Deciduous      |

| <b>StreetTree Name</b> | <b>Botanical Name</b> | <b>Height</b> | <b>Spread</b> | <b>Growth rate</b> | <b>Scale</b> | <b>Water needs</b> | <b>Deciduous</b> |
|------------------------|-----------------------|---------------|---------------|--------------------|--------------|--------------------|------------------|
| Mayten Tree            | Maytenus boaria       | 30'-50'       | 20'-30'       | Slow               | Medium       | Moderate/Regular   | Evergreen        |
| Ornamental Pear        | Pyrus calleryana      | 25'-50'       | 25'-35'       | Fast               | Medium       | Moderate           | Deciduous        |
| Persimmon (American)   | Diospyros virginiana  | 15'-30'       | 15'-30'       | Moderate           | Small        | Moderate           | Deciduous        |
| Pomegranate            | Punica granatum       | 8'-10'        | 6'-10'        | Moderate           | Small        | Moderate/Regular   | Deciduous        |
| Purple-leaf Plum       | Prunus cerasifera     | 15'-25'       | 15'-25'       | Moderate           | Small        | Moderate/Regular   | Deciduous        |
| Queensland Kauri       | Agathis robusta       | 50'-80'       | 20'-30'       | Moderate           | Large        | Regular            | Evergreen        |
| Red Horse Chestnut     | Aesculus x carnea     | 20'-40'       | 25'-30'       | Slow               | Sm./Med.     | Moderate           | Deciduous        |
| Red Maple              | Acer rubrum           | 40'-50'       | 40'-50'       | Slow               | Medium       | Regular            | Deciduous        |
| Saw-Leaf Zelkova       | Zelkova serrata       | 40'-50'       | 50'           | Moderate           | Medium       | Moderate/Regular   | Deciduous        |
| Sawtooth Oak           | Quercus acutissima    | 40'-60'       | 40'-60'       | Moderate           | Large        | Regular            | Deciduous        |
| Scarlet Oak            | Quercus rubra         | 50'-75'       | 40'-50'       | Moderate           | Large        | Moderate           | Deciduous        |
| Silver Linden          | Tillia tomentosa      | 40'-50'       | 20'-30'       | Moderate           | Large        | Regular            | Deciduous        |
| Sour Gum               | Nyssa sylvatica       | 30'-50'       | 15'-25'       | Slow-Mod.          | Medium       | Moderate/Regular   | Deciduous        |
| London Plane/Sycamore  | Platanus x acerifolia | 40'-80'       | 30'-40'       | Fast               | Large        | Moderate/Regular   | Deciduous        |
| Tipu Tree              | Tipuana tipu          | 25'-40'       | 30'-50'       | Moderate           | Large        | Regular            | Semi-Evergreen   |
| Western Catalpa        | Catalpa speciosa      | 40'-60'       | 20'-40'       | Moderate           | Med.- Lrg.   | Moderate/Regular   | Deciduous        |
| White Ash              | Fraxinus americana    | 50'-70'       | 40'-50'       | Fast               | Large        | Regular            | Deciduous        |

*\*Varies by color / variety*

*\*\*Disease resitant varieties will be used per current availability*

If you would like to discuss alternate species that might be available, please contact the City Arborist at (650) 903-6273. All trees subject to availability.

# SMALL SCALE STREET TREES

| Street Tree Name         | Botanical Name                   | Height   | Spread  | Growth rate | Scale    | Water needs      | Deciduous      |
|--------------------------|----------------------------------|----------|---------|-------------|----------|------------------|----------------|
| Chinese Flame Tree       | <i>Koelreuteria integrifolia</i> | 20'-40'  | 20'-30' | Moderate    | Sm./Med. | Moderate/Regular | Deciduous      |
| Chitalpa                 | x <i>Chitalpa tashkentensis</i>  | 20'-30'  | 20'-30' | Fast        | Sm./Med. | Little/Moderate  | Deciduous      |
| Crape Myrtle             | <i>Lagerstroemia indica</i>      | 10'-30'* | 15-25'* | Moderate    | Sm./Med. | Moderate         | Deciduous      |
| Red Horse Chestnut       | <i>Aesculus x carnea</i>         | 20'-40'  | 25'-30' | Slow        | Sm./Med. | Moderate         | Deciduous      |
| American Hazelnut        | <i>Corylus americana</i>         | 18'-20'  | 10'-12' | Moderate    | Small    | Regular          | Deciduous      |
| Australian Willow        | <i>Geijera parviflora</i>        | 25'-40'  | 15'-25' | Fast        | Small    | Little/Moderate  | Evergreen      |
| Bronze Loquat            | <i>Eriobotrya deflexa</i>        | 15'-30'  | 15'-30' | Moderate    | Small    | Regular/Moderate | Evergreen      |
| Carolina Laurel Cherry   | <i>Prunus caroliniana</i>        | 20'-30'  | 15'-25' | Fast        | Small    | Moderate         | Evergreen      |
| Chinese Fringe Tree      | <i>Chionanthus retusus</i>       | 20'      | 20'     | Slow-Mod.   | Small    | Moderate/Regular | Deciduous      |
| English Hawthorne        | <i>Crataegus laevgata</i>        | 18'-25'  | 15'-20' | Moderate    | Small    | Moderate         | Deciduous      |
| Evergreen Pear           | <i>Pyrus kawakamii</i>           | 15'-30'  | 15'-30' | Moderate    | Small    | Moderate         | Semi-Evergreen |
| Golden Rain              | <i>Koelreuteria paniculata</i>   | 25'-40'  | 25'-30' | Moderate    | Small    | Moderate/Regular | Deciduous      |
| Japanese Loquat          | <i>Eriobotrya japonica</i>       | 15'-30'  | 15'-25' | Moderate    | Small    | Moderate/Regular | Evergreen      |
| Lilly of the Valley Tree | <i>Crinodendron patagua</i>      | 20'-25'  | 20'     | Slow-Mod.   | Small    | Regular          | Evergreen      |
| Persimmon (American)     | <i>Diospyros virginiana</i>      | 15'-30'  | 15'-30' | Moderate    | Small    | Moderate         | Deciduous      |
| Pomegranate              | <i>Punica granatum</i>           | 8'-10'   | 6'-10'  | Moderate    | Small    | Moderate/Regular | Deciduous      |
| Purple-leaf Plum         | <i>Prunus cerasifera</i>         | 15'-25'  | 15'-25' | Moderate    | Small    | Moderate/Regular | Deciduous      |

# MEDIUM SCALE STREET TREES

| Street Tree Name   | Botanical Name                   | Height   | Spread  | Growth rate | Scale      | Water needs      | Deciduous      |
|--------------------|----------------------------------|----------|---------|-------------|------------|------------------|----------------|
| Chinese Flame Tree | <i>Koelreuteria integrifolia</i> | 20'-40'  | 20'-30' | Moderate    | Sm./Med.   | Moderate/Regular | Deciduous      |
| Chinese Pistache   | <i>Pistacia chinensis</i>        | 30'-40'  | 30'-35' | Slow        | Medium     | Little/Regular   | Deciduous      |
| Chinese Tallow     | <i>Triadica sebifera</i>         | 30'-40'  | 25'-30' | Fast        | Medium     | Moderate/Regular | Deciduous      |
| Chitalpa           | x <i>Chitalpa tashkentensis</i>  | 20'-30'  | 20'-30' | Fast        | Sm./Med.   | Little/Moderate  | Deciduous      |
| Crape Myrtle       | <i>Lagerstroemia indica</i>      | 10'-30'* | 15-25'* | Moderate    | Sm./Med.   | Moderate         | Deciduous      |
| European Hornbeam  | <i>Carpinus betulus</i>          | 30'-40'  | 40'     | Moderate    | Medium     | Regular          | Deciduous      |
| Fern Pine          | <i>Podocarpus gracilior</i>      | 30'-50'  | 25'-35' | Slow        | Medium     | Regular          | Evergreen      |
| Freeman Maple      | <i>Acer x Freemanii</i>          | 30'-40'  | 30'     | Fast        | Medium     | Moderate/Regular | Deciduous      |
| Green Ash          | <i>Fraxinus pennsylvanica</i>    | 30'-40'  | 40'     | Fast        | Medium     | Regular          | Deciduous      |
| Jacaranda          | <i>Jacaranda mimosifolia</i>     | 25'-40'  | 15'-30' | Fast        | Medium     | Moderate         | Semi-Evergreen |
| Mayten Tree        | <i>Maytenus boaria</i>           | 30'-50'  | 20'-30' | Slow        | Medium     | Moderate/Regular | Evergreen      |
| Ornamental Pear    | <i>Pyrus calleryana</i>          | 25'-50'  | 25'-35' | Fast        | Medium     | Moderate         | Deciduous      |
| Red Horse Chestnut | <i>Aesculus x carnea</i>         | 20'-40'  | 25'-30' | Slow        | Sm./Med.   | Moderate         | Deciduous      |
| Red Maple          | <i>Acer rubrum</i>               | 40'-50'  | 40'-50' | Slow        | Medium     | Regular          | Deciduous      |
| Saw-Leaf Zelkova   | <i>Zelkova serrata</i>           | 40'-50'  | 50'     | Moderate    | Medium     | Moderate/Regular | Deciduous      |
| Sour Gum           | <i>Nyssa sylvatica</i>           | 30'-50'  | 15'-25' | Slow-Mod.   | Medium     | Moderate/Regular | Deciduous      |
| Western Catalpa    | <i>Catalpa speciosa</i>          | 40'-60'  | 20'-40' | Moderate    | Med.- Lrg. | Moderate/Regular | Deciduous      |

# LARGE SCALE STREET TREES

| StreetTree Name       | Botanical Name        | Height  | Spread  | Growth rate | Scale      | Water needs      | Deciduous      |
|-----------------------|-----------------------|---------|---------|-------------|------------|------------------|----------------|
| American Elm**        | Ulmus americana       | 55'     | 35'     | Moderate    | Large      | Regular          | Deciduous      |
| Avocado               | Persea americana      | 40'-50' | 40'-50' | Moderate    | Large      | Regular          | Deciduous      |
| Black Maple           | Acer nigrum           | 50'-60' | 30'-40' | Fast        | Large      | Regular/Moderate | Deciduous      |
| Black Walnut          | Juglans nigra         | 50'-80' | 40'-50' | Slow        | Large      | Moderate         | Deciduous      |
| Brisbane Box          | Lophostemon confertus | 30'-50' | 30'-40' | Moderate    | Large      | Little/Regular   | Evergreen      |
| California Pepper     | Schinus molle         | 30'-45' | 30'-45' | Fast        | Large      | Little/Moderate  | Evergreen      |
| Camphor Tree          | Cinnamomum camphora   | 40'-50' | 60'     | Slow        | Large      | Little/Regular   | Evergreen      |
| Chinese Evergreen Elm | Ulmus parvifolia      | 40'-60' | 50'-60' | Fast        | Large      | Regular          | Semi-Evergreen |
| Coast Live Oak        | Quercus agrifolia     | 30'-70' | 40'-70' | Slow        | Large      | Little/Moderate  | Evergreen      |
| Cork Oak              | Quercus suber         | 30'-60' | 30'-50' | Slow        | Large      | Moderate         | Evergreen      |
| European Beach        | Fagus sylvatica       | 60'-70' | 40'-50' | Fast        | Large      | Moderate/Regular | Deciduous      |
| Kentucky Coffee Tree  | Gymnocladus dioicus   | 50'-75' | 40'-50' | Moderate    | Large      | Regular          | Deciduous      |
| Maidenhair Tree       | Gingko biloba         | 40'-60' | 30'-50' | Fast        | Large      | Moderate/Regular | Deciduous      |
| Queensland Kauri      | Agathis robusta       | 50'-80' | 20'-30' | Moderate    | Large      | Regular          | Evergreen      |
| Sawtooth Oak          | Quercus acutissima    | 40'-60' | 40'-60' | Moderate    | Large      | Regular          | Deciduous      |
| Scarlet Oak           | Quercus rubra         | 50'-75' | 40'-50' | Moderate    | Large      | Moderate         | Deciduous      |
| Silver Linden         | Tillia tomentosa      | 40'-50' | 20'-30' | Moderate    | Large      | Regular          | Deciduous      |
| London Plane/Sycamore | Platanus x acerifolia | 40'-80' | 30'-40' | Fast        | Large      | Moderate/Regular | Deciduous      |
| Tipu Tree             | Tipuana tipu          | 25'-40' | 30'-50' | Moderate    | Large      | Regular          | Semi-Evergreen |
| Western Catalpa       | Catalpa speciosa      | 40'-60' | 20'-40' | Moderate    | Med.- Lrg. | Moderate/Regular | Deciduous      |
| White Ash             | Fraxinus americana    | 50'-70' | 40'-50' | Fast        | Large      | Regular          | Deciduous      |

## OAK ROOT RESISTANT VARIETIES

|                        |                                |         |         |           |            |                  |                |
|------------------------|--------------------------------|---------|---------|-----------|------------|------------------|----------------|
| Australian Willow      | <i>Geijera parviflora</i>      | 25'-40' | 15'-25' | Fast      | Small      | Little/Moderate  | Evergreen      |
| Brisbane Box           | <i>Lophostemon confertus</i>   | 30'-50' | 30'-40' | Moderate  | Large      | Little/Regular   | Evergreen      |
| Carolina Laurel Cherry | <i>Prunus caroliniana</i>      | 20'-30' | 15'-25' | Fast      | Small      | Moderate         | Evergreen      |
| Chinese Evergreen Elm  | <i>Ulmus parvifolia</i>        | 40'-60' | 50'-60' | Fast      | Large      | Regular          | Semi-Evergreen |
| Chinese Fringe Tree    | <i>Chionanthus retusus</i>     | 20'     | 20'     | Slow-Mod. | Small      | Moderate/Regular | Deciduous      |
| Chinese Pistache       | <i>Pistacia chinensis</i>      | 30'-40' | 30'-35' | Slow      | Medium     | Little/Regular   | Deciduous      |
| Chinese Tallow         | <i>Triadica sebifera</i>       | 30'-40' | 25'-30' | Fast      | Medium     | Moderate/Regular | Deciduous      |
| Golden Rain            | <i>Koelreuteria paniculata</i> | 25'-40' | 25'-30' | Moderate  | Small      | Moderate/Regular | Deciduous      |
| Jacaranda              | <i>Jacaranda mimosifolia</i>   | 25'-40' | 15'-30' | Fast      | Medium     | Moderate         | Semi-Evergreen |
| Kentucky Coffee Tree   | <i>Gymnocladus dioicus</i>     | 50'-75' | 40-50'  | Moderate  | Large      | Regular          | Deciduous      |
| Maidenhair Tree        | <i>Ginkgo biloba</i>           | 40'-60' | 30'-50' | Fast      | Large      | Moderate/Regular | Deciduous      |
| Mayten Tree            | <i>Maytenus boaria</i>         | 30'-50' | 20'-30' | Slow      | Medium     | Moderate/Regular | Evergreen      |
| Silver Linden          | <i>Tillia tomentosa</i>        | 40'-50' | 20'-30' | Moderate  | Large      | Regular          | Deciduous      |
| Western Catalpa        | <i>Catalpa speciosa</i>        | 40'-60' | 20'-40' | Moderate  | Med.- Lrg. | Moderate/Regular | Deciduous      |

*Armillaria mellea* also known as oak root fungus, affects mostly woody plants but also affects certain herbaceous perennials. *Armillaria* infects and kills cambial tissue, causing major roots and the trunk near the ground to die. The first aboveground symptoms are often undersized, discolored, and prematurely dropping leaves. Branches die, often beginning near the tops of plants; on herbaceous hosts, stems become discolored and cankered. Eventually the entire plant can be killed. *Armillaria* forms characteristic white mycelial plaques that have a mushroom-like odor when fresh. Clusters of mushrooms may form at the base of infected woody plants. Black or dark reddish brown root-like structures (rhizomorphs) are frequently attached to the surface of roots or the root crown.

### Solutions

Preventing infection of new plants and planting resistant species are the only effective controls for *Armillaria*. Prepare the site well. Remove old roots and debris from the soil before planting. Use pathogen-free plants and air-dry soil well before planting. Provide plants with appropriate cultural care, especially proper irrigation, and adequate drainage.