

# Recommended Trees and Shrubs for Urban Plantings

Compiled by

Woodstock Tree Board

June 2012

## **Introduction**

The following list has been prepared by the Tree Board of the Town of Woodstock to help guide you in selecting trees that are chosen for our area for hardiness, adaptability and disease/pest resistance. They have proven themselves in landscapes as solid performers and are readily available from your local garden center or other Virginia nurseries. We have organized the list by mature tree size, providing characteristics, such as fall color, to aid in your selection. It is still recommended that you consult with a local nurseryman or arborist to select the right tree for the right site.

### **Hardiness**

All plants selected for this list are adapted to this area of Virginia according to the most recent USDA Plant Zone Hardiness Map. This refers to cold hardiness, the ability of the tree to survive within a range of cold temperatures in the winter.

### **Adaptability**

All plants selected for this list possess the ability to adapt to the growing conditions in our area of Virginia. This includes factors such as soil type and drought resistance, for example. This will assure that the tree will grow at a normal rate with a better chance of survival.

### **Disease/Pest Resistance**

All plants selected for this list possess excellent disease and pest resistance compared to other varieties and cultivars of the species. Foliar leaf spots and insect infestations can still occur with the right environmental conditions, although it is a less common occurrence with the trees listed.

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## Low Height Zones – Plantings Under Utility Lines

Trees that usually do not exceed 20' in height

Common Name	Latin Name	Ave. Mature Height	Multi-stem Y/N	Average Crown Spread		Tree Form	Fall Color	Bloom Y/N	Bloom Color
				10 yr	20 yr				
Amur maple	Acer ginnala	15'-18'	Both	8-10'	12-15'	Round	Red	N	---
Japanese maple	Acer palmatum Cultivar: Bloodgood	15'-20'	Y	8-10'	12-15'	Round	Red	N	---
Serviceberry	Amelanchier arborea	15'-30'	Y	10-12'	14-16'	Upright oval	Orange	Y	White
Serviceberry	Amelanchier canadensis & grandiflora Cultivars: Autumn Brilliance Robin Hill	20'-30'	Y	10-12'	15-20'	Upright Oval	Red/orange	Y	White
Chinese fringetree	Chioanthus retusus	15'-25'	Both	8-10'	10-15'	Round	Yellow	Y	White
White fringetree	Chioanthus virginicus	10'-20'	Both	8-10'	10-12'	Round	Yellow	Y	White
Pagoda dogwood	Cornus alterniflora	15'-25'	Both	8-10'	10-12'	Oval to round	Maroon	Y	White
Stellar Dogwood	Cornus floridaxkousa Cultivars: Constellation Stellar Pink	15'-25'	N	8-12'	17-20'	Pyramidal	Red	Y	White to soft pink
Cornelian Cherry	Cornus mas Cultivar: Spring Glow	20'-25'	Both	6-8'	8-12'	Round	Red/Purple	Y	Yellow

Little gem Magnolia	Magnolia grandiflora Cultivars: Edith Bogue	10'-20'	Y	8-10'	10-15'	Pyramidal upright	Evergreen	Y	White
Star magnolia	Magnolia stellata	6'-20'	Both	5-7'	8-10'	Oval-spreading	Yellow	Y	White
Flowering Crabapple	Malus spp. Cultivar: Adirondack	10'-30'	N	8-12'	10-15'	Oval to round	Yellow to orange	Y	White
Flowering Crabapple	Malus spp. Cultivar: Prairie fire	15'-20'	N	8-12'	12-17'	Rounded	Orange	Y	Deep pink to red
Flowering Crabapple	Malus spp. Cultivar: Snow Drift	15'-20'	N	8-12'	12-17'	Rounded	Dull yellow	Y	White
Flowering plum	Prunus cerasifera Cultivar: Thundercloud	15'-20'	N	8-10'	12-15'	Oval	Purple	Y	White
Flowering plum	Prunus cerasifera Cultivar: Krauter Vesuvius	15'-20'	N	8-10'	15-20'	Oval	Blackish-purple	Y	Pink
Flowering plum	Prunus cerasifera Cultivar: Newport	15'-20'	N	8-10'	15'-20'	Vaselike to round	Purple	Y	White to pale pink

## Low Height Zones – Plantings Under Utility Lines

### *Shrubs* that usually do not exceed 20' in height

Common Name	Latin Name	Ave. Mature Height	Multi-stem Y/N	Average Crown Spread		Tree Form	Fall Color	Bloom Y/N	Bloom Color
				10 yr	20 yr				
Crape myrtle	Lagerstroemia Indica	10'-25'	Y	6-8'	12-15'	Vase-shaped	Red-orange	Y	Pink-purple
Chastetree	Vitus agnus-castus	8'-15'	Y	6-8'	10-15'	Round-spreading	Brown	Y	Purple

## Medium Height Zones – Plantings Near Utility Lines

### Trees that generally exceed 20' in height

Common Name	Latin Name	Ave. Mature Height	Multi-stem Y/N	Average Crown Spread		Tree Form	Fall Color	Bloom Y/N	Bloom Color
				10 yr	20 yr				
Trident maple	Acer buergeranum	20'-25'	N	8-10'	12-15'	Oval	Red/yellow	N	---
Hedge maple	Acer campestre	25'-35'	N	8-10'	12-15'	Upright oval	Yellow	N	---
Flame maple	Acer ginnala	20'-25'	N	8-10'	12-15'	Round spreading	Red	N	---
American hornbeam	Carpinus caroliniana	20'-35'	Y	10-12'	12-15'	Oval	Red	N	---
White Redbud	Cercis Canadensis Cultivar: Texas White	20'-30'	N	10-12'	13-16'	Spreading flat-top to rounded	Yellow	Y	White
Kousa dogwood	Cornus kousa	20'-30'	Y	10-12'	12-15'	Rounded	Red/orange	Y	White
Crimson cloud hawthorne	Crataegus laevigata Cultivar: Crimson cloud	20'-25'	N	8-10'	10-15'	Pyramidal	Brown	Y	Dark pink/white center

Winter King hawthorne	<i>Crataegus viridis</i> Cultivar: Winter King	15'-22'	N	8-12'	15-20'	Spreading	Red	Y	White
Carolina silverbell	<i>Halesia dipteral</i>	30'-40'	N	10-15'	20-30'	Spreading	Lt. Yellow	Y	White
Golden-raintree	<i>Koelreuteria Paniculata</i>	25'-35'	N	8-10'	12-15'	Column to round	Golden	Y	Yellow
Flowering crab apple	<i>Malus sp.</i> Cultivar: Robinson	20'-25'	N	8-12'	14-18'	Upright to spreading	Yellow	Y	Deep pink
Sourwood	<i>Oxydendron Arboretum</i>	20'-40'	N	8-10'	10-12'	Irregular	Red	Y	White
Persian parrotia	<i>Parrotia persica</i>	20'-40'	Both	8-10'	10-12'	Upright oval	Red/orange	Y	Red
Chinese pistache	<i>Pistacia chinensis</i>	30'-35'	N	10-15'	15-30'	Oval	Orange	N	---
Yoshino cherry	<i>Prunus x yedoensis</i>	20'-40'	N	8-10'	10-13'	Upright spreading	Yellow	Y	Pink
Mt. Fuji Cherry	<i>Prunus serrulata</i> Cultivar: Shirotae	20'-25'	N	9-12'	12-15'	Oval	Yellow	Y	White
Kwanzan cherry	<i>Prunus serrulata</i> Cultivar: Kwanzan	18'-22'	N	8-10'	12-16'	Upright-spreading	Yellow-orange	Y	Double pink
Japanese stewartia	<i>Stewartia pseudocamellia</i>	20'-40'	N	6-8'	10-12'	Pyramidal to oval	Red/purple	Y	White
Japanese snowbell	<i>Styrax japonicas</i>	20'-30'	N	8-10'	12-15'	Broad	Yellow	Y	White
Japanese tree lilac	<i>Syringa reticulata</i> Cultivar: Ivory Silk	20'-30'	Both	6-8'	10-12'	Rounded	Poor fall color	Y	Off-white

## Medium Height Zones – Plantings Near Utility Lines

Tall trees - greater than 30' - narrow crowns, can be used near utility lines

Common Name	Latin Name	Ave. Mature Height	Multi-stem Y/N	Average Crown Spread		Tree Form	Fall Color	Bloom Y/N	Bloom Color
				10 yr	20 yr				
Red maple	Acer rubrum Cultivars: Armstrong Bowhall Red Sunset Sun Valley	40'-50'	N	12-15'	15-20'	Upright/ Broadly columnar Oval	Red/yellow	N	---
Sugar maple	Acer saccharum Cultivars: Legacy Majesty	30'-50'	N	12-15'	15-20'	Oval	Orange/red	N	---
River Birch	Betula Nigra Cultivar: Duraheat	35'-40'	Y	12-15'	20-25'	Pyramidal	Yellow	N	---
European hornbeam	Carpinus betulus Cultivar: Fastigiata	30'-50'	N	10-12'	12-15'	Upright	Gold	N	---
Ginko	Ginko biloba	40'-60'	N	8-10'	10-13'	Upright oval	Yellow	N	---
Callery pear	Pyrus calleryana Cultivars: Capital Cleveland select Spring Show	30'-40'	N	6-8'	8-10'	Columnar	Dark red	Y	White
English oak	Quercus Robur Cultivar: Fastigiata	40'-50'	N	6-8'	8-10'	Columnar	Light yellow	N	---

## Tall Height Zones – Plantings in Open Yards Away From Utility Lines

### Tall trees - greater than 35'

Common Name	Latin Name	Ave. Mature Height	Multi-stem Y/N	Average Crown Spread		Tree Form	Fall Color	Bloom Y/N	Bloom Color
				10 yr	20 yr				
Honey locust	Gleditsia triacanthos Cultivars: Shademaster Skyline Sunburst	30'-70'	N	12-15'	20-25'	Rounded	Yellow	N	---
Sweet gum	Liriodendron styraciflua Cultivars: Moraine Ward	40'-50'	N	12-15'	15-20'	Pyramidal	Orange/red	N	---
London Planetree	Platanusxacerifolia Cultivar: Bloodgood	70'-85'	N	12-15'	20-25'	Pyramidal to spreading	Poor fall color – yellow	N	---
Swamp White Oak	Quercus bicolor	50'-60'	N	10-15'	17-25'	Broad-rounded	Copper to red	N	---
Scarlet oak	Quercus coccinea	60'-75'	N	10-15'	17-25'	Upright to rounded	Russet to scarlet	N	---
Pin oak	Quercus palustris	60'-75'	N	10-15'	17-25'	Oval to gumdrop	Russet to red	N	---
English oak	Quercus robur	50'-70'	N	10-15'	17-25'	Round to broad	Leaves drop green or turn brown	N	---
Lacebark elm	Ulmus parvifolia Cultivar: Lacebark	40'-50'	N	12-15'	20-25'	Rounded-oval	Yellow	N	---
Japanese Zelkova	Zelkova serrata Cultivars: Green vase Village Green	50'-70'	N	10-15'	17-25'	Vase to rounded	Brown-red	N	---