

**Millstone Township Recommended Tree List**  
**Shade / Street Tree with no overhead wires**

<b>Common Name</b>	<b>Height</b>	<b>Width</b>	<b>Botanical Name</b>	<b>Characteristics</b>
Red Maple	40'-60'	variable	<i>Acer rubrum</i>	found in swamps/uplands
Red Maple 'October Glory'			<i>Acer rubrum</i> 'October Glory'	excellent fall color
Red Maple 'Red Sunset'			<i>Acer rubrum</i> 'Red Sunset'	excellent fall color
Red Maple 'Armstrong'			<i>Acer rubrum</i> 'Armstrong'	columnar-pyramidal form
Red Maple 'Bowhall'			<i>Acer rubrum</i> 'Bowhall'	columnar-pyramidal form
Sugar Maple	60'-75'	40'-50'	<i>Acer saccharum</i>	well drained, evenly moist, acid soil
Sugar Maple 'Monumentale'			<i>Acer saccharum</i> 'Monumentale'	broad-columnar form
Sugar Maple 'Bonfire'			<i>Acer saccharum</i> 'Bonfire'	rapid growing
Hedge Maple	25'-35'	25'-35'	<i>Acer campestre</i>	up to 75'/resistant to heat & drought
Ginkgo (Male only)	50'-80'	variable	<i>Ginkgo biloba</i>	all except permanently wet soil
Ginkgo 'Princeton Sentry'	upright, columnar		<i>Ginkgo biloba</i> 'Princeton Sentry'	a male selection of 'Fastigiata'
Northern Red Oak	60'-75'	60'-75'	<i>Quercus rubra</i>	prefers acid, well-drained sites
Pin Oak	60'-70'	60'-70'	<i>Quercus palustris</i>	lower branches hang down
Pin Oak 'Crownright'			<i>Quercus palustris</i> 'Crownright'	no weeping lower branches
Pin Oak 'Sovereign'			<i>Quercus palustris</i> 'Sovereign'	no weeping lower branches
Willow Oak	40'-60'	30'-40'	<i>Quercus phellos</i>	tolerant of heat, drought & stress
Sawtooth Oak	35'-60'	35'-45'	<i>Quercus acutissima</i>	prefers well drained, moist, acid soil
White Oak	50'-80'	50'-80'	<i>Quercus alba</i>	durable, long-lived tree
Scarlet Oak	70'-75'	40'-50'	<i>Quercus coccinea</i>	prefers well drained, moist, acid soil
Swamp White Oak	50'-60'	50'-60'	<i>Quercus bicolor</i>	good for wet areas
Shingle Oak	50'-60'	50'-60'	<i>Quercus imbricaria</i>	leaves often persist into winter
English Oak	40'-70'	40'-70'	<i>Quercus robur</i>	prefers well-drained soil
Crimean Linden	40'-60'	20'-30'	<i>Tilia x euchlora</i>	soft, pyramidal habit
Littleleaf Linden 'Greenspire'	60'-70'	30'-45'	<i>Tilia cordata</i> 'Greenspire'	central leader/uniform branching
Silver Linden 'Sterling Silver'	50'-75'	25'-45'	<i>Tilia tomentosa</i> 'Sterling Silver'	broad pyramidal crown
American Linden 'Redmond'	60'-80'	20'-40'	<i>Tilia Americana</i> 'Redmond'	distinct pyramidal outline
Katsuratree	40'-60'	40'-60'	<i>Cercidiphyllum japonicum</i>	no serious insect or disease
Kentucky Coffeetree	60'-75'	40'-50'	<i>Gymnocladus dioica</i>	very stress tolerant
Honeylocust 'Halka'	40'-50'	40'-50'	<i>Gleditsia triacanthos</i> 'Halka'	full, rounded crown
Honeylocust 'Shademaster'	50'-75'	25'-40'	<i>Gleditsia triacanthos</i> 'Shademaster'	widely adaptable to soil types

Note: Mature heights & widths are listed.

**Shade / Street Tree with no overhead wires (continued)**

<b>Common Name</b>	<b>Height</b>	<b>Width</b>	<b>Botanical Name</b>	<b>Characteristics</b>
Lacebark Elm	40'-50'	40'-50'	<i>Ulmus parvifolia</i>	tough, durable for varied situations
Cucumbertree Magnolia	50'-80'	50'-80'	<i>Magnolia acuminata</i>	prefers moist, acid soils
Bald Cypress	50'-70'	20'-30'	<i>Taxodium distichum</i>	ideal for use near water
Hackberry	40'-60'	40'-60'	<i>Celtis occidentalis</i>	very tolerant / witches brooms
Dawn Redwood	70'-100'	25'	<i>Metasequoia glyptostroboides</i>	will grow in wet soils
Hardy Rubber Tree	40'-60'	40'-60'	<i>Eucommia ulmoides</i>	very soil tolerant, drought tolerant
Blackgum	30'-50'	20'-30'	<i>Nyssa sylvatica</i>	prefers moist, well drained soils
Korean Mountainash	40'-50'	20'-30'	<i>Sorbus alnifolia</i>	not street tree/ specimen lawn tree
Sargent Cherry	40'-50'	40'-50'	<i>Prunus sargentii</i>	one of the best larger cherries
London Planetree	70'-100'	65'-80'	<i>Platanus x acerifolia</i>	large, open area, attractive bark
Bloodgood Planetree	80'-90'	60'-70'	<i>Platanus x acerifolia</i> 'Bloodgood'	greater resistance to anthracnose
Amur Corktree	30'-45'	30'-45'	<i>Phellodendron amurense</i>	does well on many soil types
American Hophornbeam	25'-40'	25'-40'	<i>Ostrya virginiana</i>	no serious insects or diseases
European Hornbeam	40'-60'	30'-40'	<i>Carpinus betulus</i>	no serious insects or diseases
E. Hornbeam 'Fastigiata'	30'-40'	20'-30'	<i>Carpinus betulus</i> 'Fastigiata'	develops a vase shape
Zelkova	60'-70'		<i>Zelkova serrata</i> 'Green Vase'	adapts to varied soils, tolerant to heat and drought

### Street Trees with overhead utility wires or other height restrictions

<b>Common Name</b>	<b>Height</b>	<b>Width</b>	<b>Botanical Name</b>	<b>Characteristics</b>
Trident Maple	25'-35'	15'-25'	<i>Acer buergerianum</i>	withstands drought & infertile soils
Amur Maple	15'-18'	15'18'	<i>Acer ginnala</i>	tolerant of dry and alkaline soils
Hedge Maple	25'-35'	25'-35'	<i>Acer campestre</i>	drought & heat tolerant
Tatarian Maple	15'-20'	15'-20'	<i>Acer tataricum</i>	tolerant to dry & high pH soils
American Hornbeam	20-30'	20-30'	<i>Carpinus caroliniana</i>	does well in wet soils
Kousa Dogwood	20-30'	20'30'	<i>Cornus kousa</i>	No serious insect or disease
Harvest Gold Crabapple	20'-25'		<i>Malus 'Harvest Gold'</i>	highly resistant/ single white flower
Autumn Glory Crabapple	to 12'		<i>Malus 'Autumn Glory'</i>	highly resistant/ blush white flower
Adams Crabapple	to 24'		<i>Malus 'Adams'</i>	very resistant / dull pink flower
Ames White Crabapple			<i>Malus 'Ames White'</i>	highly resistant/ pink to white flower
Baskatong Crabapple	to 30'		<i>Malus 'Baskatong'</i>	very resistant/ lt. purplish-red flower
Beauty Crabapple	to 24'		<i>Malus 'Beauty'</i>	very resistant/ white-pinkish flower
Centurion Crabapple	15'-20'		<i>Malus 'Centurion'</i>	highly resistant/ rose-red flower
Evelyn Crabapple	to 20'		<i>Malus 'Evelyn'</i>	very resistant / rose-deep red flower
Red Snow Crabapple	8'-10'		<i>Malus 'Red Snow'</i>	highly resistant / slightly pink flower
Robinson Crabapple	to 25'		<i>Malus 'Robinson'</i>	highly resistant / deep pink flower
Wies Crabapple			<i>Malus 'Wies'</i>	highly resistant / single pink flower
Henningi Crabapple	to 25'		<i>Malus 'Henningi'</i>	highly resistant/single white flower
Eastern Redbud	20'-30'	25'-35'	<i>Cercis canadensis</i>	does well in many soil types
Cornelian Cherry	20'-25	15'-20'	<i>Cornus mas</i>	very pest free
Japanese Tree Lilac	20-30'	15-25'	<i>Syringa reticulata</i>	possibly the most trouble-free lilac

Note: Mature heights & widths are listed.

## Ornamental Specimens

<b>Common Name</b>	<b>Height</b>	<b>Width</b>	<b>Botanical Name</b>	<b>Characteristics</b>
Trident Maple	25'-35'	15'-25'	<i>Acer buergerianum</i>	withstands drought & infertile soils
Amur Maple	15'-18'	15'18'	<i>Acer ginnala</i>	tolerant of dry and alkaline soils
Hedge Maple	25'-35'	25'-35'	<i>Acer campestre</i>	drought & heat tolerant
Tatarian Maple	15'-20'	15'-20'	<i>Acer tataricum</i>	tolerant to dry & high pH soils
Fullmoon Maple	20'-30'	20'30'	<i>Acer japonicum</i>	green foliage turns yellow & crimson
Japanese Maple	15'-25'	15'-25'	<i>Acer palmatum</i>	slow growing
Harvest Gold Crabapple	20'-25'		<i>Malus 'Harvest Gold'</i>	highly resistant/ single white flower
Autumn Glory Crabapple	to 12'		<i>Malus 'Autumn Glory'</i>	highly resistant/ blush white flower
Adams Crabapple	to 24'		<i>Malus 'Adams'</i>	very resistant / dull pink flower
Ames White Crabapple			<i>Malus 'Ames White'</i>	highly resistant/ pink to white flower
Baskatong Crabapple	to 30'		<i>Malus 'Baskatong'</i>	very resistant/ lt. purplish-red flower
Beauty Crabapple	to 24'		<i>Malus 'Beauty'</i>	very resistant/ white-pinkish flower
Centurion Crabapple	15'-20'		<i>Malus 'Centurion'</i>	highly resistant/ rose-red flower
Evelyn Crabapple	to 20'		<i>Malus 'Evelyn'</i>	very resistant / rose-deep red flower
Red Snow Crabapple	8'-10'		<i>Malus 'Red Snow'</i>	highly resistant / slightly pink flower
Robinson Crabapple	to 25'		<i>Malus 'Robinson'</i>	highly resistant / deep pink flower
Wies Crabapple			<i>Malus 'Wies'</i>	highly resistant / single pink flower
Eastern Redbud	20'-30'	25'-35'	<i>Cercis canadensis</i>	does well in many soil types
Cornelian Cherry	20'-25'	15'-20'	<i>Cornus mas</i>	very pest free
Kousa Dogwood	20'-30'	20'-30'	<i>Cornus kousa</i>	no serious insect or disease
Flowering Dogwood	20'-40'	20'-40'	<i>Cornus florida</i>	cool, moist soil
Golden Raintree	30'-40'	30'-40'	<i>Koelreuteria paniculata</i>	wide range of soils
Winter King Hawthorn	20'-35'	20'-35'	<i>Crataegus viridis 'Winter King'</i>	has thorns
Magnolia	varied	varied	<i>Magnolia spp.</i>	multiple varieties & characteristics
Ivory Silk Tree Lilac	20'-30'	15'-25'	<i>Syringa reticulata 'Ivory Silk'</i>	sturdy and compact
Japanese Tree Lilac	20'-30'	15'-25'	<i>Syringa reticulata</i>	one of the most trouble-free lilacs
Newport Purpleleaf Plum	15'-30'	15'-25'	<i>Prunus cerasifera 'Newport'</i>	probably hardiest purpleleaf types
Shadblow Serviceberry	15'-25'	variable	<i>Amelanchier canadensis</i>	upright, multi-stemmed shrub
Carolina Silverbell	30'-40'	20'35'	<i>Halesia carolina</i>	exceptionally pest resistant
Sourwood	25'-30'	20'	<i>Oxydendron arboreum</i>	does well in dry soils

Note: Mature heights & widths are listed.

### Trees tolerant of compacted, infertile soil and stresses of heat and drought

<b>Common Name</b>	<b>Height</b>	<b>Width</b>	<b>Botanical Name</b>	<b>Characteristics</b>
Trident Maple	20'-35'	20'-35'	<i>Acer buergerianum</i>	prefers well drained, acid soil
Hedge Maple	25'-35'	25'-35'	<i>Acer campestre</i>	tolerant of dry soils and compaction
Purpleblow Maple	20'-25'	20'-25'	<i>Acer truncatum</i>	adapts to varied soils
European Hornbeam	40'-60'	30'-40'	<i>Carpinus betulus</i>	no serious disease or insect problems
Hackberry	40'-60'	40'-60'	<i>Celtis occidentalis</i>	innate ability to grow in dry soils
Ginkgo, Male	50'-80'	30'-40'	<i>Ginkgo biloba</i>	grows in almost any situation
Thornless Honeylocust	30'-70'	30'-70'	<i>Gleditsia triacanthos var. inermis</i>	very tolerant
Golden Raintree	30'-40'	30'-40'	<i>Koelreuteria paniculata</i>	adaptable to wide range of soils
Sawtooth Oak	35'-45'	variable	<i>Quercus acutissima</i>	prefers well drained soils
Willow Oak	40'-60'	30'-40'	<i>Quercus phellos</i>	prefers acid soils
Virginia Pine	15'-40'	10'-30'	<i>Pinus virginiana</i>	does well in poor, dry soils
Scotch Pine	30'-60'	30'-40'	<i>Pinus sylvestris</i>	tolerant of poor, dry soil

### Evergreen Trees

<b>Common Name</b>	<b>Height</b>	<b>Width</b>	<b>Botanical Name</b>	<b>Characteristics</b>
White Fir	30'-50'	15'-30'	<i>Abies concolor</i>	no serious insect or disease problems
Norway Spruce	40'-60'	25'-35'	<i>Picea abies</i>	best in moderately moist soils
Douglas Fir	40'-80'	12'-20'	<i>Pseudotsuga menziesii</i>	needs moist well drained soils
Eastern White Pine	50'-80'	20'-40'	<i>Pinus strobus</i>	one of the fastest growing pines
American Holly	40'-50'	18'-40'	<i>Ilex opaca</i>	moist, well-drained soil
Cryptomeria	50'-60'	20'-30'	<i>Cryptomeria japonica</i>	can be used as a specimen tree
Umbrella Pine	20'-30'	15'-20'	<i>Sciadopitys verticillata</i>	slow growing, specimen tree

## Shrubs for Hedging or Screening

<b>Common Name</b>	<b>Height</b>	<b>Width</b>	<b>Botanical Name</b>	<b>Characteristics</b>
San Jose Holly	20-30'		<i>Ilex x aquipernyi</i> 'San Jose'	pyramidal-conical
Foster's Holly	20-30'		<i>Ilex x attenuata</i> 'Foster's #2'	conical-pyramidal
Japanese Holly	6'		<i>Ilex crenata</i> 'Compacta'	fruit blackish
Inkberry	6-8'		<i>Ilex glabra</i>	trouble free
Meserve Hollies	10-15'		<i>Ilex x meserveae</i> 'Blue Girl' 'Blue Princess' 'Blue Boy' 'Blue Prince' 'China Boy' 'China Girl'	hardy to -20F
Snowmound Spirea	3-5'	3-5'	<i>Spiraea nipponica</i> 'Snowmound'	white flowers in May & June
Vanhoutte Spirea	6-10'	10-12'	<i>Spiraea x vanhouttei</i>	arching habit, white flowers in May
Arrowwood Viburnum	6-8'	6-15'	<i>Viburnum dentatum</i>	white flowers, durable & salt tolerant
American Cranberry Viburnum	8'-12'	8'-12'	<i>Viburnum trilobum</i>	moist soil, red berries, white flowers and good fall leaf color
Doublefile Viburnum	8-10'	9-12'	<i>Viburnum plicatum</i> var. <i>tomentosum</i>	needs moist soil, beautiful white flowers, flowers sun & shade
Lantanaphyllum Viburnum	10-15'	10-15'	<i>Viburnum x rhytidophlloides</i> 'Allegheny'	superior selection, resistant to leaf spot, leaves tardily deciduous.
Leatherleaf Viburnum	10-15'	10-15'	<i>Viburnum rhytidophyllum</i>	best in heavy shade & protected from wind
Possumhaw Viburnum	5'-12'	5'-12'	<i>Viburnum nudum</i>	fragrant flower, colorful berries
Rusty Blackhaw Viburnum	10-20'	10-20'	<i>Viburnum rufidulum</i>	adaptable to dry soil, prefers sun but tolerates heavy shade.

Note: Mature heights & widths are listed.

**Trees that can be utilized for hedges or screening**

<b>Common Name</b>	<b>Height</b>	<b>Width</b>	<b>Botanical Name</b>	<b>Characteristics</b>
American Hornbeam			<i>Carpinus betulus</i> 'Columnaris' 'Fastigiata' 'Globosa'	very tolerant slow growing, columnar 30'-40' high / 20'-30' wide slow growing 15-20'
Hinoki Falsecypress			<i>Chamaecyparis obtusa</i> 'Nana Gracilis'	6' high / 3-4' wide
Japanese Falsecypress	10' 15'-20'		<i>Chamaecyparis pisifera</i> 'Boulevard' 'Filifera'	tight columnar frame drooping stringy branches, fine textured.
Leyland Cypress	60'-70'	6'-12'	'Filifera Aurea' 'Plumosa' <i>x Cupressocyparis leylandii</i>	similar to above with yellow foliage can grow to 30' high excellent salt tolerance, up to 3'/yr
Chinese Juniper	15-20' 15' 20'		<i>Juniperus chinensis</i> 'Hetzii Columnaris' 'Robusta Green' 'Spartan'	blue-green needles gray-green foliage fast, dense, pyramidal or columnar
Mugo Pine	15-20'	15-20'	<i>Pinus mugo</i>	very adaptable to extremes in pH, temp, soil
White Pine	50-80'	20'40'	<i>Pinus strobus</i>	withstands pruning
Yew	30-60'	15-25'	<i>Taxus spp.</i>	many varieties, very tolerant, easily pruned, overused
American Arborvitae	40-60'	10-15'	<i>Thuja occidentalis</i>	easily pruned, many varieties
Green Giant Arborvitae	50'-60'	12'-20'	<i>Thuja plicata</i> 'Green Giant'	fast growing, deer resistant

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