

12-0000 TREE CONSERVATION

Table 12.17 Tree Selection And Canopy Cover Guide

<u>Botanical/ Common Name</u>	<u>Minimum Planting Area in ft² (m²)</u>	<u>Projected 10-yr Tree Canopy Area in ft² (m²) and caliper in in (cm) at planting</u>			<u>Tree Uses</u>	<u>Screening Yard Use</u>	<u>Environmental Tolerances</u>	<u>Conditional Use or reduced credit</u>	<u>Air Quality 12-0510.4B(1)</u>	<u>Energy Conservation 12-0510.4B(2)</u>	<u>Water Quality 12-0510.4B(3)</u>	<u>Wildlife 12-0510.4B(4)</u>	<u>Native 12-0510.4B(5)</u>	<u>Improved Cult./Var. 12-0510.4B(6)</u>
		<u>1.0 (2.5)</u>	<u>2.0 (5.0)</u>	<u>3.0 (8.0)</u>										
CATEGORY I Trees 50 feet or less in height at maturity with a spread less than one-half of their height														
DECIDUOUS TREES														
<i>Acer rubrum</i> 'Columnare'/ columnar red maple	50 (5)	40 (4)	50 (5)	75 (7)	RA		RZ							
<i>Carpinus betulus</i> 'Fastigiata'/ fastigate European hornbeam	50 (5)	40 (4)	50 (5)	75 (7)	RA		PS							
<i>Fagus sylvatica</i> 'fastigiata'/ fastigate European beech	50 (5)	40 (4)	50 (5)	75 (7)	RA		PS							
<i>Ginkgo biloba</i> 'Sentry'/ sentry ginkgo	50 (5)	40 (4)	50 (5)	75 (7)	RA		AP, D, RZ, SC	Yes						
<i>Quercus robur</i> 'Fastigiata'/ fastigate English oak	50 (5)	40 (4)	50 (5)	75 (7)	RA		SC							
CATEGORY II Trees that can be maintained at a height of 20 feet or less and have a spread approximately equal to their height														
DECIDUOUS TREES														
<i>Acer campestre</i> / hedge maple	50 (5)	75 (7)	100 (9)	125 (12)	G		AP, D							
<i>Acer ginnala</i> / amur maple	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		D, PS, RZ							
<i>Acer palmatum</i> / Japanese maple	50 (5)	75 (7)	100 (9)	125 (12)	G		RZ, SH							
<i>Amelanchier arborea</i> / downey serviceberry	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		PS, RZ, W			1.25	1.5	1.5		
<i>Amelanchier laevis</i> / Allegheny serviceberry	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		PS, RZ, W			1.25	1.5	1.5		

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		<u>1.0 (2.5)</u>	<u>2.0 (5.0)</u>	<u>3.0 (8.0)</u>										
<i>Asimina triloba/ Paw paw</i>	50 (5)	75 (7)	100 (9)	125 (12)			SH, W				1.25	1.5	1.5	
<i>Carpinus caroliniana/ American hornbeam</i>	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		SH, W				1.25		1.5	
<i>Castanea pumila/ Allegheny chinkapin</i>	50 (5)	75 (7)	100 (9)	125 (12)								1.5	1.5	
<i>Cercis canadensis/ Eastern redbud</i>	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		D, PS, RZ, SC						1.5	
<i>Chionanthus virginicus/ fringetree</i>	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		PS, RZ, W				1.25		1.5	
<i>Cornus florida/ flowering dogwood</i>	50 (5)	75 (7)	100 (9)	125 (12)	G		PS	Yes				1.5	1.5	
‘Appalachian Spring’	50 (5)	75 (7)	100 (9)	125 (12)	G							1.25		1.5
<i>Cornus kousa/ Kousa dogwood</i>	50 (5)	75 (7)	100 (9)	125 (12)	G		RZ							
‘Stellar’ Hybrid series	50 (5)	75 (7)	100 (9)	125 (12)	G		RZ							1.5
<i>Cornus mas/ Corneliancherry dogwood</i>	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		PS, RZ							
<i>Halesia carolina/ Carolina silverbell</i>	50 (5)	75 (7)	100 (9)	125 (12)	G		PS							
<i>Magnolia soulangiana/ saucer magnolia</i>	50 (5)	75 (7)	100 (9)	125 (12)	G		AP, RZ							

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		<u>1.0 (2.5)</u>	<u>2.0 (5.0)</u>	<u>3.0 (8.0)</u>										
<i>Magnolia stellata</i> / star magnolia	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		AP, RZ							
<i>Magnolia virginiana</i> / sweetbay magnolia	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		RZ, SH, W				1.25		1.5	
<i>Ostrya virginiana</i> / Eastern hophornbeam	50 (5)	75 (7)	100 (9)	125 (12)	G		D, PS						1.5	
<i>Oxydendrum arboreum</i> / sourwood	50 (5)	75 (7)	100 (9)	125 (12)	G		D, PS						1.5	
<i>Prunus x incam</i> 'Okame'/ Okame cherry	50 (5)	75 (7)	100 (9)	125 (12)	RA									
<i>Sassafras albidum</i> / sassafras	50 (5)	75 (7)	100 (9)	125 (12)									1.5	
<i>Stewartia koreana</i> / Korean stewartia	50 (5)	75 (7)	100 (9)	125 (12)	RA		RZ							
<i>Stewartia ovata</i> / Mountain stewartia	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		RZ							
<i>Stewartia pseudocamellia</i> / Japanese stewartia	50 (5)	75 (7)	100 (9)	125 (12)	RA		RZ							
<i>Styrax americana</i> / American snowbell	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		PS, RZ							
<i>Styrax japonicus</i> / Japanese snowbell	50 (5)	75 (7)	100 (9)	125 (12)	G, RA		PS, RZ							

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		<u>1.0 (2.5)</u>	<u>2.0 (5.0)</u>	<u>3.0 (8.0)</u>										
CATEGORY III		Trees 25 to 50 feet in height at maturity with a spread equal to or greater than their height and trees over 50 feet in height at												
DECIDUOUS TREES		maturity with a spread less than their height												
<i>Aesculus flava/ Yellow buckeye</i>	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	IS, SC		1.5					
<i>Aesculus hippocastanum/ Horse chestnut</i>	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	IS, SC							
<i>Betula nigra/ river birch</i>	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	W				1.25	1.5	1.5	
<i>Castanea mollissima/ Chinese chestnut</i>	90 (8)	125 (12)	150 (14)	175 (16)	G	LD								
<i>Celtis occidentalis/ Hackberry</i>	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	AP, D, SC, W		1.5	1.25	1.5	1.5		
<i>Cercidiphyllum japonicum/ Katsuratree</i>	90 (8)	125 (12)	150 (14)	175 (16)	G, PL	LD			1.5					
<i>Cladrastis kentuckea/ yellowwood</i>	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	W		1.5					
<i>Diospiros virginiana/ persimmon</i>	90 (8)	125 (12)	150 (14)	175 (16)			D, SC					1.5	1.5	
<i>Eucommia ulmoides/ hardy rubber tree</i>	90 (8)	125 (12)	150 (14)	175 (16)	PL		D, SC							
<i>Fagus sylvatica/ European beech</i>	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	PS							

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		<u>1.0 (2.5)</u>	<u>2.0 (5.0)</u>	<u>3.0 (8.0)</u>										
<i>Gleditsia triacanthos inermis</i> / thornless honeylocust	90 (8)	125 (12)	150 (14)	175 (16)	PL	LD	AP, D, SC, W							
‘Imperial’	90 (8)	125 (12)	150 (14)	175 (16)	PL	LD	AP, D, SC, W							
‘Skyline’	90 (8)	125 (12)	150 (14)	175 (16)	PL	LD	AP, D, SC, W							
‘Shademaster’	90 (8)	125 (12)	150 (14)	175 (16)	PL	LD	AP, D, SC, W							
<i>Gymnocladus dioicus</i> / Kentucky coffeetree	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	D, SC, W				1.25	1.5		
<i>Juglans nigra</i> / black walnut	90 (8)	125 (12)	150 (14)	175 (16)		LD	SC, W				1.25	1.5	1.5	
<i>Koelreuteria paniculata</i> / goldenrain tree	90 (8)	125 (12)	150 (14)	175 (16)	G		D, SC							
<i>Larix decidua</i> / European larch	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	D							
<i>Maclura pomifera</i> / Osage orange (male only)	90 (8)	125 (12)	150 (14)	175 (16)	G, N	LD	D						1.5	
<i>Magnolia acuminata</i> / Cucumber tree	90 (8)	125 (12)	150 (14)	175 (16)	G, N	LD							1.5	
<i>Magnolia macrophylla</i> / bigleaf magnolia	90 (8)	125 (12)	150 (14)	175 (16)	G	LD								
<i>Metasequoia glyptostroboides</i> / dawn redwood	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	AP, W							

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		<u>1.0 (2.5)</u>	<u>2.0 (5.0)</u>	<u>3.0 (8.0)</u>										
<i>Nyssa sylvatica/ black gum</i>	90 (8)	125 (12)	150 (14)	175 (16)	G, PL	LD	PS, W			1.5	1.25	1.5	1.5	
<i>Phellodendron amurense/ amur corktree (male only)</i>	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	AP, D	Yes						
<i>Prunus serrulata</i> 'Kwansan' Kwansan cherry	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	AP							
<i>Prunus sargentii/ sargent cherry</i>	90 (8)	125 (12)	150 (14)	175 (16)	G									
<i>Prunus subhirtella/ weeping Japanese cherry</i>	90 (8)	125 (12)	150 (14)	175 (16)	G									
<i>Prunus yedoensis/ Yoshino cherry</i>	90 (8)	125 (12)	150 (14)	175 (16)	G									
<i>Salix nigra/ Black willow</i>	90 (8)	125 (12)	150 (14)	175 (16)							1.25	1.5	1.5	
<i>Sophora japonica/ Japanese pagoda tree</i>	90 (8)	125 (12)	150 (14)	175 (16)	G, PL	LD	AP, D, SC		1.5	1.5				
<i>Taxodium distichum/ bald cypress</i>	90 (8)	125 (12)	150 (14)	175 (16)	G	LD	W				1.25	1.5	1.5	
<i>Tilia cordata/ littleleaf linden</i>	90 (8)	125 (12)	150 (14)	175 (16)	G, PL	LD	AP		1.5					
'Glenleven'	90 (8)	125 (12)	150 (14)	175 (16)	G, PL	LD	AP		1.5					
'Greenspire'	90 (8)	125 (12)	150 (14)	175 (16)	G, PL	LD	AP		1.5					

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		<u>1.0 (2.5)</u>	<u>2.0 (5.0)</u>	<u>3.0 (8.0)</u>										
CATEGORY IV DECIDUOUS TREES	Trees 50 feet and greater in height at maturity with a spread equal to or greater than their height and trees over 75 feet in height at maturity with a spread less than their height													
<i>Acer rubrum/ red maple</i>	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD	IS, PS, W		1.5	1.5	1.25	1.5	1.5	
<i>Acer saccharum/ sugar maple</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	PS	Yes	1.5	1.5		1.5		
<i>Carya cordiformis/ Bitternut hickory</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LD			1.5			1.5	1.5	
<i>Carya glabra/ Pignut hickory</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LD			1.5			1.5	1.5	
<i>Carya illinoensis/ pecan</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	W		1.5			1.5	1.5	
<i>Carya ovata/ shagbark hickory</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LD			1.5			1.5	1.5	
<i>Carya tomentosa/ mockernut hickory</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LD			1.5			1.5	1.5	
<i>Fagus americana/ American beech</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	PS		1.5			1.5	1.5	
<i>Ginkgo biloba/ ginkgo (male only)</i>	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD	AP, D, RZ		1.5	1.5				
<i>Liquidambar styraciflua/ sweetgum</i>	65 (6)	75 (7)	100 (9)	125 (11.5)	G	LD	W	Yes 0.5			1.25	1.5	1.5	
<i>Liriodendron tulipifera/ tulip poplar</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	AP, W		1.5			1.5	1.5	

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<i>Platanus acerifolia</i> / London planetree	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD	AP, D			1.5				
'Bloodgood'	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD	AP, D			1.5				1.5
<i>Platanus occidentalis</i> / sycamore	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	W				1.25			1.5
<i>Quercus alba</i> / white oak	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	IS			1.5		1.5	1.5	
<i>Quercus bicolor</i> / swamp white oak	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	D, IS, SC, W			1.5	1.25	1.5	1.5	
<i>Quercus coccinea</i> / scarlet oak	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	W					1.5		
<i>Quercus falcata</i> / Southern red oak	130 (12)	150 (14)	200 (18)	250 (23)	G	LD				1.5		1.5	1.5	
<i>Quercus imbricaria</i> / shingle oak	130 (12)	150 (14)	200 (18)	250 (23)	G	LD						1.5		
<i>Quercus palustris</i> / pin oak	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD	W	Yes			1.25	1.5	1.5	
<i>Quercus prinus</i> / Chestnut oak	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD	D			1.5		1.5	1.5	
<i>Quercus phellos</i> / willow oak	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD				1.5	1.25	1.5	1.5	
<i>Quercus rubra</i> (borealis)/ Northern red oak	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	IS			1.5		1.5	1.5	

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		<u>1.0 (2.5)</u>	<u>2.0 (5.0)</u>	<u>3.0 (8.0)</u>										
<i>Quercus stellata</i> / post oak	130 (12)	150 (14)	200 (18)	250 (23)	G	LD				1.5		1.5	1.5	
<i>Quercus velutina</i> / black oak	130 (12)	150 (14)	200 (18)	250 (23)	G	LD				1.5		1.5	1.5	
<i>Tilia americana</i> / American linden, basswood	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD			1.5	1.5			1.5	
'Redmond'	130 (12)	150 (14)	200 (18)	250 (23)	PL	LD			1.5	1.5			1.5	
'Legend'	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD			1.5	1.5			1.5	
<i>Ulmus americana</i> 'Valley Forge'/ American elm	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	D		1.5	1.5	1.25			1.5
<i>Ulmus carpinifolia</i> 'Groenveldt'/ Groenveldt elm	130 (12)	150 (14)	200 (18)	250 (23)	G	LD	D		1.5	1.5	1.25			1.5
<i>Ulmus parvifolia</i> / Chinese elm	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD			1.5	1.5				
<i>Zelkova serrata</i> / Japanese zelkova	130 (12)	150 (14)	200 (18)	250 (23)	G, PL	LD			1.5					

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<u>Botanical/ Common Name</u>	<u>Minimum Planting Area in ft² (m²)</u>	<u>Projected 10-yr Tree Canopy Area in ft² (m²) and height in Ft (m) at planting</u>			<u>Tree Uses</u>	<u>Screening Yard Use</u>	<u>Environmental Tolerances</u>	<u>Conditional Use or reduced credit</u>	<u>Air Quality 12-0510.4B(1)</u>	<u>Energy Conservation 12-0510.4B(2)</u>	<u>Water Quality 12-0510.4B(3)</u>	<u>Wildlife 12-0510.4B(5)</u>	<u>Native 12-0510.4B(5)</u>	<u>Improved Cult./Var. 12-0510.4B(6)</u>
		<u>6.0</u>	<u>8.0</u>	<u>10.0</u>										
		<u>(1.8)</u>	<u>(2.4)</u>	<u>(3.0)</u>										
CATEGORY I														
EVERGREEN TREES														
Trees generally less than 30 feet in height at maturity with a spread less than 15 feet														
<i>Ilex x attenuata</i> 'Fosteri'/ Foster's holly	30 (3)	40 (4)	50 (5)	75 (7)	G	ME	SH							
<i>Ilex x Nellie Stevens</i> / Nellie Stevens holly	30 (3)	40 (4)	50 (5)	75 (7)	G	ME								
<i>Juniperus chinensis</i> / Chinese juniper	30 (3)	40 (4)	50 (5)	75 (7)	G		D							
'Columnaris'	30 (3)	40 (4)	50 (5)	75 (7)	RA		D							
'Denserecta'	30 (3)	40 (4)	50 (5)	75 (7)	RA		D							
'Erecta Glauca'	30 (3)	40 (4)	50 (5)	75 (7)	RA		D							
'Grey Gleam'	30 (3)	40 (4)	50 (5)	75 (7)	RA		D							
'Hetzi columnaris'	30 (3)	40 (4)	50 (5)	75 (7)	RA		D							
'Keteleeri'	30 (3)	40 (4)	50 (5)	75 (7)	RA		D							
'Robusta green'	30 (3)	40 (4)	50 (5)	75 (7)	RA		D							
'Torulosa'	30 (3)	40 (4)	50 (5)	75 (7)	RA		D							

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		<u>6.0 (1.8)</u>	<u>8.0 (2.4)</u>	<u>10.0 (3.0)</u>										
<u><i>Juniperus virginiana</i> 'Princeton Sentry'/Eastern redcedar</u>	30 (3)	40 (4)	50 (5)	75 (7)	RA	ME	D, IS							
<u><i>Taxus baccata</i> 'Fastigiata'/ upright Irish yew</u>	30 (3)	40 (4)	50 (5)	75 (7)	RA									
<u><i>Thuja occidentalis</i> 'Nigra'/ dark green American arborvitae</u>	30 (3)	40 (4)	50 (5)	75 (7)	G, RA	ME	W							
<u><i>Thuja orientalis</i>/ Columnar oriental arborvitae</u>	30 (3)	40 (4)	50 (5)	75 (7)	G, RA		PS, W							
CATEGORY II														
Trees 30 to 40 feet in height at maturity with a spread of 15 to 20 feet														
EVERGREEN TREES														
<u><i>Abies conolor</i>/ white fir</u>	50 (5)	75 (7)	100 (9)	125 (12)	G	ME								
<u><i>Calocedrus decurrens</i>/ incense cedar</u>	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	W							
<u><i>Chamaecyparis lawsoniana</i>/ Lawson falsecypress</u>	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	PS							
<u><i>Chamaecyparis obtusa</i>/ Hinoki false cypress</u>	50 (5)	75 (7)	100 (9)	125 (12)	G	LE	W							
<u><i>Chamaecyparis pisifera</i> 'Plumosa'/ plume sawara false cypress</u>	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	W							
<u><i>Chamaecyparis thyoides</i>/ Atlantic whitecedar</u>	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	W							
<u><i>Cryptomeria japonica</i>/ Japanese cryptomeria</u>	50 (5)	75 (7)	100 (9)	125 (12)	G	LE	IS							

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Table 12.17 Tree Selection And Canopy Cover Guide

<i>Botanical/ Common Name</i>	<u>Minimum Planting Area</u> in ft ² (m ²)	<u>Projected 10-yr Tree Canopy Area in ft² (m²) and height in Ft (m) at planting</u>			<u>Tree Uses</u>	<u>Screening Yard Use</u>	<u>Environmental Tolerances</u>	<u>Conditional Use or reduced credit</u>	<u>Air Quality</u> 12-0510.4B(1)	<u>Energy Conservation</u> 12-0510.4B(2)	<u>Water Quality</u> 12-0510.4B(3)	<u>Wildlife</u> 12-0510.4B(5)	<u>Native</u> 12-0510.4B(5)	<u>Improved Cult./Var.</u> 12-0510.4B(6)
		<u>6.0</u> <u>(1.8)</u>	<u>8.0</u> <u>(2.4)</u>	<u>10.0</u> <u>(3.0)</u>										
		<i>Cunninghamia lanceolata/ China fir</i>	50 (5)	75 (7)										
<i>Cupressocyparis leylandii/ Leyland cypress</i>	25 (2.5)	38 (3.5)	50 (4.5)	63 (6)	G	LE	PS, W	0.5						
<i>Ilex aquafolium/ English holly</i>	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	SH							
<i>Ilex opaca/ American holly</i>	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	IS, SH			1.25	1.5	1.5		
<i>Juniperus scopulorum 'Moonglow' / Rocky Mt. Juniper</i>	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	D							
<i>Juniperus virginiana/ Eastern redcedar</i>	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	PS					1.5		
'Canaert'	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	D, IS							
'Manhattan Blue'	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	D, IS							
<i>Picea glauca/ white spruce</i>	50 (5)	75 (7)	100 (9)	125 (12)	G	LE	D, PS, RZ							
<i>Picea omorika/ Serbian spruce</i>	50 (5)	75 (7)	100 (9)	125 (12)	G	LE								
<i>Picea orientalis/ Oriental spruce</i>	50 (5)	75 (7)	100 (9)	125 (12)	G	LE	SC							
<i>Picea pungens/ Colorado blue spruce</i>	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	D							

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Table 12.17 Tree Selection And Canopy Cover Guide

<u>Botanical/ Common Name</u>	<u>Minimum Planting Area in ft² (m²)</u>	<u>Projected 10-yr Tree Canopy Area in ft² (m²) and height in Ft (m) at planting</u>			<u>Tree Uses</u>	<u>Screening Yard Use</u>	<u>Environmental Tolerances</u>	<u>Conditional Use or reduced credit</u>	<u>Air Quality 12-0510.4B(1)</u>	<u>Energy Conservation 12-0510.4B(2)</u>	<u>Water Quality 12-0510.4B(3)</u>	<u>Wildlife 12-0510.4B(5)</u>	<u>Native 12-0510.4B(5)</u>	<u>Improved Cult./Var. 12-0510.4B(6)</u>
		<u>6.0 (1.8)</u>	<u>8.0 (2.4)</u>	<u>10.0 (3.0)</u>										
		<i>Pinus bungeana</i> / lacebark pine	50 (5)	75 (7)										
<i>Pinus parviflora</i> / Japanese white pine	50 (5)	75 (7)	100 (9)	125 (12)	G	ME								
<i>Pinus thunbergiana</i> / Japanese black pine	50 (5)	75 (7)	100 (9)	125 (12)	G	ME	D, IS, RZ							
<i>Pseudotsuga menziesii</i> / Douglas fir	50 (5)	75 (7)	100 (9)	125 (12)	G	ME								
<i>Taxus cuspidata</i> 'Capitata'/ pyramidal Japanese yew	50 (5)	75 (7)	100 (9)	125 (12)	G	ME								
<i>Tsuga canadensis</i> / Canadian hemlock	25 (2.5)	38 (3.5)	50 (4.5)	63 (6)	G	ME	SH	0.5				1.5		
<i>Tsuga caroliniana</i> / Carolina hemlock	25 (2.5)	38 (3.5)	50 (4.5)	63 (6)	G	ME	SH	0.5						
CATEGORY III														
Trees 40 to 50 in height at maturity with a spread of 20 to 30 feet														
EVERGREEN TREES														
<i>Cedrus atlantica</i> / atlas cedar	90 (8)	125 (12)	150 (14)	175 (16)	G	LE								
<i>Picea abies</i> / Norway spruce	90 (8)	125 (12)	150 (14)	175 (16)	G	LE	PS							
<i>Pinus echinata</i> / shortleaf pine	90 (8)	125 (12)	150 (14)	175 (16)	G	LE	PS					1.5		
<i>Pinus nigra</i> / Austrian pine	90 (8)	125 (12)	150 (14)	175 (16)	G	LE								

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		<u>6.0 (1.8)</u>	<u>8.0 (2.4)</u>	<u>10.0 (3.0)</u>										
CATEGORY IV														
EVERGREEN TREES														
Trees 50 feet in height or greater at maturity with a spread of over 30 feet														
<i>Magnolia grandiflora/ Southern magnolia</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LE	PS, W							
<i>Pinus rigida/ pitch pine</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LE						1.5	1.5	
<i>Pinus strobus/ white pine</i>	65 (6)	75 (7)	100 (9)	125 (11.5)	G	LE	PS	0.5						
<i>Pinus sylvestris/ Scotch pine</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LE	D							
<i>Pinus taeda/ loblolly pine</i>	130 (12)	150 (14)	200 (18)	250 (23)	G	LE	W				1.25	1.5	1.5	
<i>Pinus virginiana Virginia pine</i>	130 (12)	150 (14)	200 (18)	250 (23)		LE	PS					1.5	1.5	
<p>TREE USES: G=general, PL=parking lot, RA=for restricted areas</p> <p>SCREENING YARD USE, LD=large deciduous, ME=medium evergreen, LE=large evergreen (see Sect. 13-303 of the Zoning Ordinance)</p> <p>ENVIRONMENTAL TOLERANCES: AP=air pollution, D=drought, IS=de-icing salts, PS=partial shade, RZ=restricted root zone, SC=poor soil conditions, SH=full shade, W=wet soil. (see § 12-0601.1E)</p> <p>CONDITIONAL USE OR REDUCED CREDIT (see § 12-0509.3D(2))</p>														