

Tree Species Recommended for Worcester

Common Name	Scientific Name	Zone	Height (Ft)	Width (Ft)	Native	Utility Line Compatible	Notably Urban	Candidate for Assisted Migration*	ALB Resistant	Drought Tolerant	Salt Tolerant	Wetland Status**
White Fir	<i>Abies concolor</i>	4A	30-50	15-30	✓				✓	✓		unclassified
Serviceberry	<i>Amelanchier</i> spp.	4A	15-25	15-30	✓	✓			✓			FACU
Common Hornbeam	<i>Carpinus betulus</i>	5A	35-60	30-40					✓			FAC
American Hornbeam	<i>Carpinus caroliniana</i>	3A	20-30	20-30	✓	✓			✓			FAC
Northern Catalpa	<i>Catalpa speciosa</i>	4A	40-60	20-40	✓		✓		✓	✓		FACU
Sugar Hackberry	<i>Celtis laevigata</i>	5A	60-80	50	✓		✓	✓	✓	✓	✓	FACW
Common Hackberry	<i>Celtis occidentalis</i>	3A	40-60	40-60	✓		✓	✓	✓	✓		FAC
Eastern Redbud	<i>Cercis canadensis</i>	4A	20-30	25-35	✓	✓	✓	✓	✓	✓		FACU
Atlantic White Cedar	<i>Chamaecyparis thyoides</i>	4B	40-60	10-20	✓				✓			OBL
White Fringetree	<i>Chionanthus virginicus</i>	5A	15-25	10-25	✓	✓	✓		✓	✓		FAC
Yellowwood	<i>Cladrastis kentukea</i>	4A	30-50	40-55	✓				✓			unclassified
Japanese Clethra	<i>Clethra barbinervis</i>	5B	10-20	10-20		✓			✓		✓	FAC
Kousa Dogwood	<i>Cornus kousa</i>	5A	15-30	15-30		✓			✓			unclassified
Corneliancherry Dogwood	<i>Cornus mas</i>	5A	15-25	15-20		✓			✓		✓	unclassified
Dogwood Hybrids	<i>Cornus</i> x <i>rutgersensis</i>	5A	10-20	10-20		✓		✓	✓			unclassified
Turkish Filbert	<i>Corylus colurna</i>	4A	40-50	15-35			✓		✓	✓		FACU
American Smoketree	<i>Cotinus obovatus</i>	4A	20-30	15-30	✓	✓	✓		✓			FACU
Thornless Cockspur	<i>Crataegus crusgalli</i> var. <i>inermis</i>	4A	20-30	20-35	✓	✓	✓		✓		✓	FAC
'Winter King' Hawthorn	<i>Crataegus virdis</i> 'Winter King'	4A	25	25	✓	✓	✓		✓		✓	FAC
Hardy Rubber Tree	<i>Eucommia ulmoides</i>	5A	40-60	40-60			✓		✓	✓		FACU
Ginkgo	<i>Ginkgo biloba</i>	4B	50-80	30-40			✓		✓	✓	✓	unclassified
Thornless Honeylocust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	4B	40-60	30-70	✓		✓		✓	✓	✓	FAC
Kentucky Coffeetree	<i>Gymnocladus dioica</i>	3A	50-75	40-50	✓		✓		✓	✓	✓	FACU
Carolina Silverbell	<i>Halesia carolina</i>	5A	20-40	20-35	✓				✓		✓	FACU
Witchhazel	<i>Hamamelis virginiana</i>	4A	10-30	15-20	✓	✓			✓		✓	FACU
Eastern Red Cedar	<i>Juniperus virginiana</i>	3B	40-50	8-20	✓		✓	✓	✓	✓	✓	FACU
American Sweetgum	<i>Liquidambar styraciflua</i>	5B	50-75	40-65	✓			✓	✓			FAC
Tuliptree	<i>Liriodendron tulipifera</i>	5A	70-90	35-50	✓			✓	✓			FACU
Amur Maackia	<i>Maackia amurensis</i>	4A	20-30	20-30		✓	✓		✓	✓	✓	unclassified
Thornless Osage Orange	<i>Maclura pomifera</i> var. <i>inermis</i>	5B	20-50	20-50	✓		✓	✓	✓	✓	✓	UPL
Flowering Crabapple	<i>Malus</i> spp.	4B	10-25	10-25		✓			✓	✓	✓	unclassified
Dawn Redwood	<i>Metasequoia glyptostroboides</i>	5A	70-100	25-50					✓			unclassified
Black Gum	<i>Nyssa sylvatica</i>	4A	30-60	20-40	✓				✓			FAC
American Hophornbeam	<i>Ostrya virginiana</i>	4A	25-40	20-40	✓				✓			FACU
Persian Parrotia	<i>Parrotia persica</i>	5A	20-30	15-30		✓	✓		✓	✓		unclassified
Serbian Spruce	<i>Picea omorika</i>	4B	50-60	20-25					✓			unclassified
Swiss Stone Pine	<i>Pinus cembra</i>	4A	30-40	15-25					✓			unclassified
London Planetree	<i>Platanus</i> x <i>acerifolia</i>	5A	70-100	65-80			✓		✓	✓		unclassified
Accolade Cherry	<i>Prunus</i> 'Accolade'	5A	20-30	15-25		✓			✓		✓	unclassified
Common Hoptree	<i>Ptelea trifoliata</i>	4A	15-20	15-20	✓	✓			✓	✓		FACU

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White Oak	<i>Quercus alba</i>	4A	45-80	45-80	✓			✓	✓		✓	FACU
Swamp White Oak	<i>Quercus bicolor</i>	4A	45-70	45-60	✓		✓		✓	✓	✓	FACW
Scarlet Oak	<i>Quercus coccinea</i>	5A	60-75	40-50	✓			✓	✓	✓		unclassified
Shingle Oak	<i>Quercus imbricaria</i>	4A	40-60	40-65	✓			✓	✓		✓	FACU
Bur Oak	<i>Quercus macrocarpa</i>	3A	60-80	60-90	✓		✓	✓	✓	✓		FACU
Chestnut Oak	<i>Quercus montana</i>	5A	60-70	60-70	✓			✓	✓	✓		UPL
Chinkapin Oak	<i>Quercus muehlenbergii</i>	4B	35-50	35-60	✓			✓	✓	✓	✓	FACU
Pin Oak	<i>Quercus palustris</i>	4A	50-70	25-40	✓				✓	✓		FACW
Willow Oak	<i>Quercus phellos</i>	6A	40-60	40-60	✓		✓	✓	✓	✓	✓	FACW
English Oak	<i>Quercus robur</i>	5A	40-60	40-60			✓		✓	✓	✓	unclassified
Northern Red Oak	<i>Quercus rubra</i>	4A	60-75	60-75	✓		✓		✓	✓	✓	FACU
Shumard Oak	<i>Quercus shumardii</i>	5B	40-60	45-65	✓		✓		✓	✓		FACW
Common Sassafras	<i>Sassafras albidum</i>	4B	30-60	25-40	✓				✓			FACU
Japanese Umbrella Pine	<i>Sciadopitys verticillata</i>	5B	20-30	15-20		✓			✓			unclassified
Japanese Pagodatree	<i>Styphnolobium japonicum</i>	5A	50-70	35-55			✓		✓	✓	✓	unclassified
Japanese Tree Lilac	<i>Syringa reticulata</i>	3A	20-30	15-25		✓	✓		✓	✓	✓	unclassified
Bald cypress	<i>Taxodium distichum</i>	5A	50-70	20-40	✓		✓	✓	✓	✓	✓	OBL
Arborvitae	<i>Thuja occidentalis</i>	3A	40-60	10-15	✓		✓		✓		✓	FACW
American Linden	<i>Tilia americana</i>	3A	60-80	20-40	✓				✓			FACU
Littleleaf Linden	<i>Tilia cordata</i>	3B	50-70	30-50					✓			unclassified
Silver Linden	<i>Tilia tomentosa</i>	5A	50-70	25-55			✓		✓	✓		unclassified
Siebold Viburnum	<i>Viburnum sieboldii</i>	4B	15-20	10-15		✓			✓			unclassified
Japanese Zelkova	<i>Zelkova serrata</i>	5A	50-80	40-60			✓		✓	✓	✓	unclassified

* **Candidate for Assisted Migration** - These species are expected to do well in Massachusetts as the climate changes. Their current ranges are south of Massachusetts but are projected to expand their range north over time. Choosing to plant these species now, could prevent possible extinction, minimize economic loss, maintain biodiversity, and sustain the benefits that trees provide for years to come.

Wetland Status**

OBL - Obligate - Occur almost always under natural conditions in wetlands.

FACW - Facultative Wetland - Usually occur in wetlands but occasionally found in non-wetlands

FAC - Facultative - Equally likely to occur in wetlands and non-wetlands

FACU - Facultative Upland - Usually occur in non-wetlands but occasionally found in wetlands

UPL - Upland - may occur in wetlands in another region, but occur almost always under natural conditions in non-wetlands in the region specified