

An Evaluation of Trees for Southeast Kansas Landscapes*

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Codes	Scientific Name/Cultivar	Common Name
Large Trees		
~ ^S	<i>Acer negundo</i>	Box-Elder Maple
! ^{V S}	<i>Acer platanoides</i> 'Crimson King' (other cultivars available)	Norway Maple Crimson King Norway Maple
+ ^S	<i>Acer rubrum</i> 'Autumn Flame' 'Franksred' 'October Glory' (other cultivars available)	Red Maple Autumn Flame Red Maple Red Sunset Red Maple October Glory Red Maple
! ^S	<i>Acer saccharinum</i>	Silver Maple
+ ^{V S}	<i>Acer saccharum</i> 'Caddo' (other cultivars available)	Sugar (Hard) Maple Caddo Sugar Maple
+ ^S	<i>Acer x freemanii</i> 'Armstrong' 'Celzam' 'Jeffersred' 'Scarsen'	Freeman Maple Hybrids Armstrong Freeman Maple Celebration Freeman Maple Autumn Blaze Freeman Maple Scarlet Sentinel Freeman Maple
! ^V	<i>Aesculus glabra</i>	Ohio Buckeye
! ^V	<i>Aesculus hippocastanum</i>	Common Horse Chestnut
~	<i>Ailanthus altissima</i>	Tree of Heaven
!	<i>Betula nigra</i> 'Heritage'	River Birch Heritage River Birch
-	<i>Betula papyrifera</i>	Canoe or White Birch
-	<i>Betula pendula</i>	European Birch
-	<i>Betula platyphylla</i> var. <i>japonica</i> 'Whitespire Jr.'	Japanese White Birch Whitespire Japanese White Birch
~ ^{W S}	<i>Carya illinoensis</i>	Pecan
~ ^W	<i>Carya laciniosa</i>	Kingnut Hickory
~ ^W	<i>Carya ovata</i>	Shagbark Hickory
~	<i>Catalpa speciosa</i>	Northern Catalpa
~ ^S	<i>Celtis laevigata</i>	Sugar Hackberry
! ^S	<i>Celtis occidentalis</i>	Hackberry (Sugarberry)
?	<i>Cladrastis kentukea</i>	Yellowwood
!	<i>Fraxinus americana</i>	White Ash

	'Autumn Purple'	Autumn Purple White Ash
	'Rose Hill'	Rose Hill White Ash
! ^V	Fraxinus pennsylvanica	Green Ash
	'Marshall Seedless'	Marshall Seedless Green Ash
+	Ginkgo biloba	Maidenhair Tree
-	Gleditsia triacanthos	Common Honey-locust
!	Gleditsia triacanthos var. inermis	Thornless Honey-locust
	'Imperial'	Imperial Thornless Honey-locust
	(other cultivars available)	
+	Gymnocladus dioica	Kentucky Coffee Tree
~ ^W	Juglans nigra	Black Walnut
☹ ^{E W}	Juniperus scopulorum	Rocky Mountain Juniper
	(numerous cultivars available)	
! ^{E W}	Juniperus virginiana	Easter Red Cedar
	'Canaertii'	Canaert Juniper
	'Cupressifolia'	Hillspire Juniper
	(numerous cultivars available)	
!	Liquidambar styraciflua	Sweetgum
	'Rotundiloba'	Fruitless Sweetgum
! ^V	Liriodendron tulipifera	Tulip Tree
~ ^W	Maclura pomifera	Osage Orange
	'Whiteshield'	Thornless and Fruitless
? ^V	Magnolia acuminata	Cucumber Tree
! ^{E V}	Magnolia grandiflora	Southern Magnolia
! ^V	Magnolia x soulangiana	Saucer Magnolia
	(cultivars available)	
! ^{E V}	Metasequoia glyptostroboides	Dawn Redwood
? ^{S W}	Morus alba	White Mulberry
~ ^{S W}	Morus rubra	Red Mulberry
~ ^V	Paulownia tomentosa	Empress Tree
? ^V	Phellodendron amurense	Amur Cork Tree
- ^{E V}	Picea abies	Norway Spruce
- ^{E V}	Picea pungens	Colorado Blue Spruce
☹ ^E	Pinus nigra	Austrian Pine
☹ ^E	Pinus ponderosa	Ponderosa Pine
☹ ^E	Pinus sylvestris	Scots Pine
! ^{E V}	Pinus strobus	Eastern White Pine
! ^E	Pinus taeda	Loblolly Pine
☹ ^E	Pinus thunbergii	Japanese Black Pine
! ^{E V}	Pinus virginiana	Virginia Pine (Scrub Pine)
+	Pistacia chinensis	Chinese Pistache
!	Platanus x acerifolia	London Plane Tree
!	Platanus occidentalis	American Sycamore (Buttonwood)
- ^S	Populus alba	White Poplar
☹ ^S	Populus nigra var. 'Italica'	Lombardy Poplar
! ^S	Populus deltoides	Eastern Cottonwood
~ ^{S W}	Prunus serotina	Black Cherry
+ ^W	Quercus acutissima	Sawtooth Oak
+ ^W	Quercus alba	White Oak
+ ^W	Quercus bicolor	Swamp White Oak
+ ^W	Quercus imbricaria	Shingle Oak

+ ^W	<i>Quercus macrocarpa</i>	Bur Oak
~ ^W	<i>Quercus marilandica</i>	Black Jack Oak
+ ^W	<i>Quercus muehlenbergii</i>	Chinquapin or Chestnut Oak
+ ^{VW}	<i>Quercus nigra</i>	Water Oak
! ^{SW}	<i>Quercus palustris</i>	Pin Oak
+ ^{VW}	<i>Quercus phellos</i>	Willow Oak
! ^{VW}	<i>Quercus robur</i>	English Oak
	(cultivars available)	
+ ^W	<i>Quercus rubra</i>	Norther Red Oak
+ ^W	<i>Quercus shumardii</i>	Shumard Red Oak
~ ^W	<i>Quercus stellata</i>	Post Oak
+ ^{VW}	<i>Quercus velutina</i>	Black Oak
~	<i>Robinia pseudoacacia</i>	Black Locust
~ ^S	<i>Salix babylonica</i>	Weeping Willow
~ ^S	<i>Salix nigra</i>	Black Willow
!	<i>Sapindus drummondii</i>	Western Soapberry
~ ^V	<i>Sophora japonica</i>	Japanese Pagoda Tree
+	<i>Taxodium distichum</i>	Common Bald Cypress
+	<i>Tilia americana</i>	American Linden (Basswood)
! ^E	<i>Tsuga canadensis</i>	Canadian Hemlock
!	<i>Ulmus americana</i>	American Elm
	‘Heritage’	Heritage American Elm
	‘Valley Forage’	Valley Forage American Elm
	(other cultivars available)	
! ^S	<i>Ulmus</i> Hybrids	Hybrid Elms
+	<i>Ulmus parvifolia</i>	Lacebark Elm
~ ^S	<i>Ulmus pumila</i>	Siberian or Chinese Elm
-	<i>Ulmus rubra</i>	Red or Slippery Elm
+	<i>Zelkova serrata</i>	Japanese Zelkova

Small Trees

+ ^V	<i>Acer buergerianum</i>	Trident Maple
+	<i>Acer campestre</i>	Hedge Maple
+	<i>Acer ginnala</i>	Amur Maple
! ^V	<i>Acer palmatum</i>	Japanese Red Maple
+	<i>Acer truncatum</i>	Shantung Maple
~	<i>Aesculus pavia</i>	Red Buckeye
~	<i>Albizia julibrissin</i>	Mimosa (Silk Tree)
! ^W	<i>Amelanchier canadensis</i>	Shadblow Serviceberry
! ^W	<i>Amelanchier x grandiflora</i>	Apple Serviceberry
! ^W	<i>Asimina triloba</i>	Pawpaw
- ^S	<i>Broussonetia papyrifera</i>	Common Paper-Mulberry
~	<i>Castanea mollissima</i>	Chinese Chestnut
~	<i>Catalpa bignonioides</i>	Southern Catalpa
+	<i>Cercis canadensis</i>	Easter Redbud
	‘Alba’	(White-flowered Redbud)
	‘Forest Pansy’	
+	<i>Cercis reniformis</i>	Oklahoma Redbud
!	<i>Chionanthus virginicus</i>	Fringetree
+ ^{VW}	<i>Cornus florida</i>	Flowering Dogwood
	‘Cherokee Chief’	Cherokee Chief Dogwood (red-flower)

	'Cloud Nine' (other cultivars available)	Cloud Nine Dogwood
+ V	Cornus kousa	Kousa Dogwood
!	Cotinus coggygria	Smoke Bush (Smoke Tree)
- W	Crataegus crus-galli	Cockspur Hawthorn
- W	Crataegus mollis	Downy Hawthorn
- W	Crataegus phaenopyrum	Washington Hawthorn
- W	Crataegus viridis	Green Hawthorn
	'Winter King'	Winter King Green Hawthorn
- E	Cupressocyparis leylandii	Leyland Cypress
~ W	Diospyros virginiana	American Persimmon (Possumwood)
☹ S W	Elaeagnus angustifolia	Russian Olive
+ E V	Ilex x attenuata 'Foster # 2'	Foster's Holly
+ W	Ilex decidua	Possum Haw
+ E V	Ilex opaca	American Holly
+	Koelreuteria paniculata	Golden-rain Tree
! W	Malus (species and hybrids)	Flowering Crabapple
	'Adams'	Adams Crabapple
	'Centurion'	Centurion Crabapple
	'Donald Wyman'	Donald Wyman Crabapple
	'Indian Magic'	Indian Magic
	'Prairifire'	Prairifire Crabapple
	'Snowdrift'	Snowdrift
	'Spring Snow'	Spring Snow
	(Numerous cultivars available. Select scab resistant varieties only.)	
~ W	Prunus americana	American or Wild Plum
- S W	Prunus cerasifer	Purple Leaf Plum (Cherry Plum)
! V	Prunus serrulata	Oriental Cherry
	'Sekiyama'	Kwanzan Oriental Cherry
	Several Cultivars	
! S	Pyrus calleryana	Callery Pear
	'Aristocrat'	Aristocrat Callery Pear
	'Bradford'	Bradford Callery Pear
	'Cleveland Select'	Cleveland Select Callery Pear
	'Redspire'	Redspire Callery Pear
	(other cultivars available)	
- S	Salix caprea	Goat Willow
	'Roseum'	Pink-flowered Goat Willow
- S	Salix matsudana 'Tortuosa'	Corkscrew Willow
~ V	Sassafras albidum	Sassafras
! V	Syringa amurensis japonica	Japanese Tree Lilac
! E V	Thuja occidentalis	Eastern White Cedar
! E	Thuja orientalis	Oriental Arborvitae
! E	Thuja plicata	Western Red Cedar
	'Green Giant'	Green Giant
~ W	Zizyphus jujuba	Jujube or Chinese Date

Codes

- + Desirable. This tree is moderately free of pest problems, is adaptable to most landscape sites in the Southeast Kansas. Some species may have multiple features such as fall leaf color, attractive flowers, fruit, foliage, bark, etc., that may make them more desirable in the home landscape setting.
- ! A good tree for landscape use, but there are potential problems (e.g., site adaptability, occasional pest problem, nuisance growth, poor growth habit, messy fruit, thorns, etc.) associated with this tree. Use caution in site and variety selection. Utilize appropriate pruning and training to correct defects. Pest control measures may be needed.
- ~ A fair tree. This tree is adaptable to many sites in Southeast Kansas and may be suitable for use in home landscapes. These species are weak in desirable landscape features.
- This tree may be unsuitable for use in home landscapes. There are problems (insect, disease, poor growth habit, weak wood, nuisance fruit, etc.) that make it difficult to utilize this tree in the home landscape setting.
- ⊖ This tree is not recommended. Serious pest problems, lack of adaptability, or extremely undesirable growth habit severely limits the life expectancy of this tree and/or the use of this tree for landscape purposes.
- ? Not enough is known about this tree to make a recommendation.
- E This tree is evergreen, or it may retain its foliage throughout much of the winter.
- V This tree will produce variable results depending on location and/or cultivar selection.
- S This tree has the potential for structural defects to develop due to narrow angled crotches, and/or susceptibility to decay, and/or weak and brittle wood.
- W This tree is a source of food for wildlife.

The evaluation of the above tree species is based on personal observations of extant trees in southeast Kansas landscapes. In some cases, the recommendations of specific cultivars within the species is extrapolated (based upon the performance of plants within that species), or based upon the recommendations of other reliable sources.

It is acknowledged that there is potential for error. Species, specific cultivars, and or interspecific hybrids, not listed in this publication may have desirable characteristics making them suitable for Southeast Kansas landscapes.

The species listed above are known to grow in southeast Kansas. Any inferred criticism of trees not listed is unintended.