

WOODY PLANT
MATERIAL



Extension Service

FOR OKLAHOMA

CIRCULAR 546

Trees, Shrubs and Vines for Home Grounds Improvement

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Correct selection and use of plant materials according to height, spread, and area adaptation, is important for home grounds improvement. There are many more plants which could be used, but those listed are the most common for general growing conditions.

Explanation of Symbols:

Adapted areas of State:

A—All of Oklahoma
N—Northern Oklahoma
S—Southern Oklahoma
*—Plants native to Oklahoma
E—Eastern Oklahoma
C—Central Oklahoma
W—Western Oklahoma

Planting Exposure:

Su—Full sun exposure
Shd—Full shade (shaded north side of house, etc.)
P.Shd—Part shade (morning sun, etc.)

Plant Names:

First name—Botanical name
Second name—Common name
HV—Named horticultural variety

NOTE: Spacing of Narrow-Leaf Evergreens, Broadleaf Evergreens, and Deciduous Shrubs indicates the distance from the house foundation, fence, sidewalk or similar structure to the center of the plant. From plant to plant spacing, consider the spread of both plants. Judicious pruning or shearing, if necessary, might permit closer spacing of plants.

The general over-all top spread of Deciduous and Small Trees is given.

Vines and Ground Cover plants should be spaced and located on the basis of aggressive vigor.

PLANT NAMES

Botanical Name		Common Name		APPROXIMATE	
				Height	Space
Narrowleaf Evergreen					
E	1. Cedrus atlantica	1.	Atlas Cedar (Su)	20-40'	12-15'
CS	3. Cedrus deodara	2.	Deodar Cedar (Su)	20-40'	12-15'
SE	2. Cupressus arizonica	3.	Arizona Cypress (Su)	20-40'	6-10'
A	4. Juniperus chinensis HV	4.	Pfizer Juniper (Su)	3- 5'	4- 6'
E	5. Juniperus communis hibernica	5.	Irish Juniper (Su)	10-20'	3- 4'
CE	6. Juniperus excelsa HV	6.	Spiny Greek Juniper (Su)	6-10'	3- 4'
CE	7. Juniperus horizontalis douglasi	7.	Waukegan Creeping Juniper (Su or P.Shd.)	8-12'	2- 3'
CE	8. Juniperus horizontalis plumosa	8.	Andorra Creeping Juniper (Su or P.Shd)	8-15'	2- 3'
CE	9. Juniperus sabina	9.	Savin Juniper (Su or P.Shd)	4- 5'	3- 5'
CE	10. Juniperus sabina HV	10.	Vonehron Juniper (Su or P.Shd)	4- 7'	4- 6'
A	11. Juniperus scopulorum	11.	Rocky Mountain Juniper (Su)	15-25'	5- 7'
*A	12. Juniperus virginiana	12.	Eastern Red Cedar (Su)	20-40'	5-10'
CE	13. Juniperus virginiana HV	13.	Canaert Red Cedar (Su)	20-50'	4- 6'
CE	14. Juniperus virginiana HV	14.	Silver ___ Purple ___ Dark Green ___	15-30'	4- 8'
CE	15. Pinus mugo mughus	15.	Mugo Swiss Pine (Su or P.Shd)	4- 8'	3- 5'
A	16. Pinus nigra	16.	Austrian Pine (Su)	20-35'	6-10'
*A	17. Pinus ponderosa	17.	Ponderosa Pine (Su)	20-35'	6-10'
A	18. Pinus sylvestris	18.	Scotch Pine (Su)	20-35'	6-10'
A	19. Thuja orientalis	19.	Oriental Arborvitae (Su or P.Shd)	20-35'	6-10'
CE	20. Thuja orientalis HV	20.	Berckmanns Arborvitae (Su or P.Shd)	4- 6'	3- 5'
A	21. Thuja orientalis HV	21.	Bonita Arborvitae (Su or P.Shd)	5- 7'	3- 4'
CE	22. Thuja orientalis HV	22.	Excelsa Arborvitae (Su or P.Shd)	12-30'	6- 8'
CE	23. Thuja orientalis HV	23.	Goldspire Arborvitae (Su or P.Shd)	12-30'	6- 8'
Broadleaf Evergreen					
CSE	24. Ilex cornuta	24.	Chinese Holly (Shd or P.Shd)	6- 8'	4- 5'
*CE	25. Ilex opaca	25.	American Holly (Su or Shd)	12-25'	6- 8'
*E	26. Magnolia grandiflora	26.	Southern Magnolia (Su or Shd)	20-40'	8-12'
CE	27. Abelia grandiflora	27.	Glossy Abelia (Su or Shd)	4- 7'	3- 5'
E	28. Buxus sempervirens	28.	Common Box (Shd)	3- 8'	2- 4'
A	29. Euonymus kiautschovicus (patens)	29.	Spreading Euonymus (Su or Shd)	4- 7'	3- 4'
CSE	30. Euonymus japonicus	30.	Japanese Euonymus (Su or Shd)	6- 8'	2- 4'
CSE	31. Hesperaloe parviflora	31.	Red Yucca (Su or P.Shd)	2- 3'	2- 3'
*CE	32. Ilex vomitoria	32.	Yaupon Holly (Su or Shd)	10-25'	5- 8'
CE	33. Jasminum humile	33.	Italian Jasmine (Su or Shd)	3- 5'	3- 5'
A	34. Lavandula officinalis	34.	English Lavender (Su or P.Shd)	2- 4'	2- 4'
CSE	35. Ligustrum lucidum	35.	Wax Leaf (Ligustrum) (Su or Shd)	5- 6'	3- 4'
CSE	36. Lonicera purpurea	36.	Purple Leaf Honeysuckle (Shd or P.Shd)	2- 4'	3- 4'
A	37. Mahonia aquifolium	37.	Oregon Hollygrape (Su or Shd)	3- 6'	3- 4'
CE	38. Nandina domestica	38.	Nandina (Su or P.Shd)	4- 6'	3- 4'
S	39. Photinia serrulata	39.	Chinese Photinia (Su or Shd)	8-15'	4- 6'
CE	40. Prunus laurocerasus	40.	Common Laurelcherry (Cherry Laurel) (Su or P.Shd)	15-25'	5- 8'
CE	41. Pyracantha coccinea	41.	Scarlet Firethorn (Su or P.Shd)	7-10'	5- 8'
CE	42. Pyracantha coccinea lalandi	42.	Laland Firethorn (Su or P.Shd)	7-12'	5- 8'
A	43. Yucca filamentosa	43.	Adamsneedle Yucca (Su)	2- 4'	2- 3'
*A	44. Yucca filamentosa	44.	Adamsneedle Yucca (Su)	2- 4'	2- 3'

Evergreen Vines

CE 45.	Euonymus fortunei radicans	45.	Common Wintercreeper Euonymus (Shd)	8-25'	Creeping
CE 46.	Euonymus fortunei vegetus	46.	Bigleaf Wintercreeper (Shd)	10-25'	Creeping
A 47.	Hedera helix	47.	English Ivy (Shd)	10-50'	Vigorous
A 48.	Lonicera japonica	48.	Japanese Honeysuckle (Su or Shd)	10-50'	Vigorous

Evergreen Ground Cover

A 49.	Hedera helix	49.	English Ivy (Shd)	10-50'	Vigorous
CE 50.	Vinca major	50.	Bigleaf Periwinkle (Su or Shd)	3- 6"	8-12"
CE 51.	Vinca minor	51.	Common Periwinkle (Su or Shd)	3- 6"	4- 5"

Deciduous Trees

*A 52.	Acer saccharinum	52.	Silver Maple	60-80'	30-50'
E 53.	Acer saccharum	53.	Sugar Maple	50-75'	25-40'
A 54.	Ailanthus altissima	54.	Tree-of-Heaven	40-70'	25-40'
CS 55.	Albizzia julibrissin	55.	Silktree (Mimosa)	20-35'	15-25'
*CE 56.	Betula nigra	56.	River Birch	30-50'	20-35'
A 57.	Broussonetia papyrifera	57.	Common Paper Mulberry	20-35'	15-25'
A 58.	Catalpa speciosa	58.	Northern Catalpa	40-90'	25-40'
*A 59.	Celtis occidentalis	59.	Common Hackberry	40-100'	20-35'
*CE 60.	Diospyros virginiana	60.	Common Persimmon	20-35'	15-25'
*A 61.	Fraxinus pennsylvanica lanceolata	61.	Green Ash	40-70'	20-30'
*A 62.	Gleditsia triacanthos HV	62.	Thornless Honeylocust	50-75'	20-30'
*A 63.	Gymnocladus dioicus	63.	Kentucky Coffeetree	40-75'	20-40'
*E 64.	Liquidamber styraciflua	64.	American Sweetgum	50-100'	25-45'
*A 65.	Platanus occidentalis	65.	American Planetree (Sycamore)	75-150'	35-60'
A 66.	Populus alba	66.	White Poplar	40-50'	20-40'
A 67.	Populus alba HV	67.	Bolleana Poplar	60-70'	12-20'
*A 68.	Populus deltoides	68.	Eastern Poplar (Cottonwood)	80-90'	30-50'
*CE 69.	Prunus serotina	69.	Black Cherry	30-45'	15-25'
*A 70.	Quercus macrocarpa	70.	Bur Oak	50-75'	30-50'
*CE 71.	Quercus palustris	71.	Pin Oak	40-90'	20-40'
CE 72.	Salix babylonica	72.	Babylon Weeping Willow	40-50'	20-35'
*A 73.	Salix nigra	73.	Black Willow	35-40'	20-35'
*A 74.	Sapindus drummondii	74.	Western Soapberry (Chinaberry)	25-40'	15-25'
*CE 75.	Taxodium distichum	75.	Common Baldcypress	50-100'	20-30'
*A 76.	Ulmus alata	76.	Winged Elm	40-60'	20-25'
A 77.	Ulmus americana	77.	American Elm	70-120'	30-50'
A 78.	Ulmus parvifolia	78.	Chinese Elm	40-80'	20-40'
A 79.	Ulmus pumila	79.	Siberian Elm (Commonly called Chinese Elm)	40-50'	25-45'

Small Ornamental Trees

CE 80.	Acer ginnala	80.	Amur Maple	15-25'	15-20'
*CE 81.	Bumelia lanuginosa	81.	Chittim Wood	20-30'	20-25'
*A 82.	Cercis canadensis	82.	Eastern Redbud	15-30'	10-15'
CE 83.	Cercis chinensis	83.	Chinese Redbud	8-12'	8-12'
A 84.	Chilopsis linearis	84.	Desert willow	8-15'	6-10'
*E 85.	Cornus florida	85.	Flowering Dogwood	15-30'	15-20"
A 86.	Cotinus coggygia	86.	Common Smoketree	15-20'	10-15'
A 87.	Elaeagnus angustifolia	87.	Russianolive	15-25'	12-20'
*CE 88.	Ilex decidua	88.	Deciduous Holly	15-30'	8-20'
CE 89.	Koelreuteria paniculata	89.	Panicked Goldraintree	15-25'	15-20'
E 90.	Magnolia soulangeana	90.	Saucer Magnolia	10-20'	10-15'
	91.	91.	Hopa Crab	20-35'	10-15'
CE 92.	Malus ioensis HV	92.	Bechtel Crabapple	15-30'	10-15'
CE 93.	Prunus cerasifera HV	93.	Purple Leaf Plum	10-25'	8-12'
CE 94.	Prunus persica HV	94.	Flowering Peach	10-20'	10-15'

***Fruit and Nut Plants (Edible)**

CE 95.	Apple			25-40'	25-35'
	a. Summer Champion (Red)				
	b. Yellow Transparent (Yellow)				
	c. Red eDelicious (Red)				
	d. Golden Delicious (Yellow)				
CE 96.	Crab Apple			15-25'	15-20'
A 97.	Pear			20-40'	20-30'
	a. Garber (with Kieffer for x pollination)				
	b. Kieffer (needs cross pollination)				
	c. Seckle (needs cross pollination—small tree)				

Deciduous Shrubs

CE 98.	Cherries			20-30'	25-35'
	a. Early Richmond				
	b. Montmorency				
	c. Suda (adapted to western counties)				

* For more detailed information see Extension Circulars 444, "Fruit Varieties Recommended for Oklahoma; 452, "Tree Fruits for Oklahoma"; and 432 "Small Fruits for the Home Garden," and other special materials.

		APPROXIMATE	
Botanical Name	Common Name	Height	Space
CE 99.	Plum	15-25'	15-20'
	a. Bruce (red, early)		
	b. American (red)		
	c. Hanska (red)		
	d. Green Gage (yellow)		
	e. Sapa (purple—dwarf tree)		
CE 100.	Grapes	Depends on Support	10-20'
	a. Extra (Black)		
	b. Bailey (Black)		
	c. Carmen (Red)		
A 101.	Jujube (Cinese Date)	25-40'	20-25'
CE 102.	Oriental Persimmon	15-25'	12-20'
SE 103.	Fig (Magnolia variety)	8-15'	10-15'
CE 104.	Pecan, Native ---- Improved Variety ----	75-125'	50-100'
CE 105.	Walnut (Black), Native ---- Improved variety ----	50-100'	40-80'
CE 106.	Dwarf Fruit (Special—Require special use and care)		
*A 107.	Amorpha canescens	2- 3'	2- 3'
*W 108.	Artemisia tridentata	4- 6'	3- 4'
CE 109.	Berberis thunbergi	3- 5'	3- 4'
A 110.	Buddleia davidi	5- 8'	4- 5'
CE 111.	Callicarpa americana	5- 8'	3- 4'
*A 112.	Cephalanthus occidentalis	5-10'	4- 6'
A 113.	Chaenomeles lagenaria	4- 6'	3- 4'
A 114.	Chaenomeles japonica	2- 4'	2- 3'
*CE 115.	Cornus amomum	6-10'	5- 6'
CE 116.	Cotoneaster divaricata	4- 7'	3- 4'
*CE 117.	Euonymus atropurpureus	10-25'	6- 8'
CE 118.	Forsythia intermedia	4- 7'	4- 5'
A 119.	Hibiscus syriacus	6-10'	4- 5'
CE 120.	Hydrangea arborescens grandiflora	3- 7'	3- 5'
CE 121.	Hydrangea paniculata HV	6-10'	4-7 '
CSE 122.	Hydrangea opuloides HV	3- 5'	3- 4'
A 123.	Jasminum nudiflorum	3- 4'	3- 4'
CE 124.	Kolkwitzia amabilis	6- 8'	4- 6'
A 125.	Lacertroemia indica	8-15'	4- 6'
107.	Leadplant (Su)	2- 3'	2- 3'
108.	Big Sagebrush (Su)	4- 6'	3- 4'
109.	Japanese Barberry (Shd)	3- 5'	3- 4'
110.	Butterflybush (Su or P.Shd)	5- 8'	4- 5'
111.	Americana Beautyberry (P.Shd or Shd)	5- 8'	3- 4'
112.	Common Bottonbush Su or Shd)	5-10'	4- 6'
113.	Common Flowering Quince (Su or Shd)	4- 6'	3- 4'
114.	Japanese Flowering Quince (Su or Shd)	2- 4'	2- 3'
115.	Silky Dogwood (Su or Shd)	6-10'	5- 6'
116.	Spreading Cotoneaster (Shd)	4- 7'	3- 4'
117.	Eastern Wahoo (Su or Shd)	10-25'	6- 8'
118.	Border Forsythia (Shd)	4- 7'	4- 5'
119.	Shrub Althea (Su or Shd)	6-10'	4- 5'
120.	Snowhill Hydrangea (Shd)	3- 7'	3- 5'
121.	PeeGee Hydrangea (Shd)	6-10'	4-7 '
122.	House Hydrangea (Shd)	3- 5'	3- 4'
123.	Winter Jasmine (Su or Shd)	3- 4'	3- 4'
124.	Beautybush (Su or Shd)	6- 8'	4- 6'
125.	Common Cranemyrtle (Red White)	8-15'	4- 6'

			Lavender (Su)	5- 7'	4- 6'
A 126.	Lespedeza bicolor	126.	Shrub Lespedeza (Su or Shd)	8-15'	8-15'
A 127.	Amur Privet (Su or Shd)	127.	Ligustrum amurense	(15-18" hedge)	
CE 128.	Ligustrum obtusifolium regelianum	128.	Regels Border Privet (Su or Shd)	6- 8'	5- 7'
A 129.	Ligustrum sinense	129.	Chinese Privet (Su or Shd)	8-15'	6- 8'
				(15-18" hedge)	
A 130.	Lonicera maacki	130.	Amur Honeysuckle (Su or Shd)	8-15'	5- 7'
A 131.	Lonicera morrowi	131.	Morrow Honeysuckle (Su or Shd)	5- 8'	5- 7'
A 132.	Lonicera fragrantissima	132.	Winter Honeysuckle (Su or Shd)	6- 8'	4- 6'
A 133.	Lonicera tatarica	133.	Tatarian Honeysuckle (Su or Shd)	8-10'	5- 8'
CE 134.	Philadelphus grandiflorus	134.	Big Scentless Mockorange (Su or Shd)	8-10'	5- 6'
A 135.	Philadelphus virginialis	135.	Virginalis Mockorange (Su or Shd)	5- 7'	5- 6'
A 136.	Prunus tomentosa	136.	Manchu Cherry (Su)	4- 8'	5- 7'
A 137.	Poinciana gilliesi	137.	Paradise poinciana (Bird of Paradise) (Su or P.Shd)	4- 8'	3- 4'
*A 138.	Rhus aromatica	138.	Fragrant Sumac (Su or P.Shd)	3- 6'	3- 5'
*A 139.	Rhus copallina	139.	Flameleaf Sumac (Su or P.Shd)	4-15'	3- 5'
*A 140.	Rhus glabra	140.	Smooth Sumac (Su or P.Shd)	4-12'	3- 5'
A 141.	Rhus trilobata	141.	Skunkbush Sumac (Su or P.Shd)	3- 5'	3- 4'
CE 142.	Ribes odoratum	142.	Clove Currant (Su or P.Shd)	6-10'	3- 4'
CE 143.	Salix purpurea HV	143.	Dwarf Willow (Su or P.Shd)	2- 3'	2- 3'
A 144.	Salvia greggi	144.	Autumn Sage (Su or P.Shd)	2-1/3-3'	2 1/2- 3'
*A 145.	Sambucus canadensis	145.	American Elder (Su or P.Shd)	8-12'	4- 6'
CE 146.	Spiraea arguta	146.	Garland Spirea (Shd)	4- 6'	3- 4'
CE 147.	Spiraea billardi	147.	Billiard Spirea (Shd)	4- 6'	3- 4'
CE 148.	Spirea bumalda HV	148.	Anthony Waterer Spirea (Shd)	1- 3'	2- 3'
CE 149.	Spirea bumalda HV	149.	Froebeli Spirea (Shd)	2-3 1/2'	3- 4'
A 150.	Spirea thunbergi	150.	Thunberg Spirea (Shd)	3- 4'	2- 3'
A 151.	Spirea vanhouttei	151.	Vanhoutte Spirea (Su or Shd)	4- 6'	3- 4'
*A 152.	Symphoricarpos orbiculatus	152.	Indiancurrant C. (Buckbrush) (Shd)	2- 5'	2- 3'
A 153.	Syringa persica	153.	Persian Lilac (Su or P.Shd)	6- 8'	4- 6'
A 154.	Syringa vulgaris	154.	Common Lilac (Su or P.Shd)	6-12'	5- 7'
A 155.	Syringa chinensis	155.	Chinese Lilac (Su or P.Shd)	6-10'	5- 7'
A 156.	Tamarix hispida	156.	Kashgar Tamarisk (Su or Shd)	8-15'	6-10'
CE 157.	Viburnum opulus roseum	157.	Common Snowball (Shd)	8-15'	5- 7'
*CE 158.	Viburnum prunifolium	158.	Blackhaw Viburnum (Su or Shd)	8-15'	6- 8'
A 159.	Vitex agruscastus	159.	Lilac Chaste Tree (Su)	5-10'	4- 6'
CE 160.	Weigela florida	160.	Weigela	6- 8'	4- 6'

Vines

*A 161.	Campsis radicans	161.	Common Trumpet creeper (Su or Shd)	Vigorous	6-10'
*CE 162.	Celastrus scandens	162.	American Bittersweet (P.Shd)	Slow	4- 6'
CE 163.	Clematis paniculata	163.	Sweetatumn Clematis (Su or Shd)	Vigorous	6-10'
CE 154.	Cocculus carolinus	164.	Carolina Snailseed (Su or P.Shd)	Med. Vigor	4- 5'
A 165.	Lonicera heckrotti	165.	Everblooming Honeysuckle (Su or Shd)	Med. Vigor	4- 6'
*A 166.	Lonicera sempervirens	166.	Trumpet Honeysuckle (Su or Shd)	Med. Vigor	4- 6'
*A 167.	Parthenocissus quinquifolia	167.	Virginia Creeper (Su or Shd)	Vigorous	8-12'
CE 168.	Periploca graeca	168.	Grecian Silkvine (Su or Shd)	Med. Vigor	6-10'
A 169.	Polygonum auberti	169.	Silver Vine Fleece Flower (Su or Shd)	Med. Vigor	6-10'
*CE 170.	Smilax hispida	170.	Bristly Greenbriar (Su or Shd)	Rambling	4- 6'
*CE 171.	Wisteria sinensis	171.	Chinese Wisteria (Su)	Vigorous	8-12'

Roses

172.	Polyanthas (Su or P.Shd)	172.		2- 3'	3- 4'
173.	Floribudas (Su or P.Shd)	173.		3- 4'	3- 4'
174.	Hybrid Teas (Su or P.Shd)	174.		3- 4'	2 1/2- 4'

Other Plants

175.	_____	175.	_____	_____	_____
176.	_____	176.	_____	_____	_____
177.	_____	177.	_____	_____	_____
178.	_____	178.	_____	_____	_____
179.	_____	179.	_____	_____	_____
180.	_____	180.	_____	_____	_____

See your local county agent or home demonstration agent if you need additional information on the use and care of Ornamental Plants.