

SMALL DECIDUOUS TREES

Mature height under 30' Minimum tree lawn 2' Suitable under wires

Zone		Native	Form	Salt Tolerant	Urban	Fall Color	Flowers	
5 to 8	Dogwood		R			•	•	general – sensitive to salt and drought; select for disease resistance; prefers some shade
	Eastern	•	R					not resistant to dogwood anthracnose
5 to 8	Eastern Redbud	•	S				•	attractive small tree with red flowers; prefers shade; acid or alkaline soils
	'Alba'	•	U			•	•	attractive white flowers
	'Forest Pansy'	•	R			•	•	purple leaves
4 to 9	Hawthorn	•	R	•	•	•	•	general – sensitive to many diseases; tolerates range of sites and stresses; select street tree form
4 to 9	Serviceberry	•	R/S			•	•	general – very small tree/shrub; many cultivars; sensitive heat and drought; requires some shade
	'Cumulus'	•	R			•	•	tolerates wider variety of sites and soils; white flowers
	'Princess Diana'	•	R	•		•	•	yellow flower buds; white flowers
Pennsylvania	'Robin Hill'	•	R	•		•	•	white flowers; attractive fall foliage

MEDIUM DECIDUOUS TREES

Mature height 30' to 50' Minimum tree lawn 3' Most suitable under wires

Zone		Native	Form	Salt Tolerant	Urban	Fall Color	Flowers	
3 to 9	American Hophornbeam	•	C			•	•	sensitive to deicing salt; interesting bark
	River Birch – 'Heritage'	•	C	•				better resistance to borer; chose street tree form; sensitive to alkaline soil
3 to 9	Honey Locust							general – tough urban tree
	'Imperial'	•	V	•	•	•		smaller growing
3 to 9	Hornbeam							
	American	•	C/R			•		good for small shady spaces; sensitive to drought and heat
4 to 8	Purple Robe Black Locust	•	R	•	•		•	weak branch structure; purple flowers
4 to 9	Sassafras	•	C/R			•	•	prefers moist, deep soils; select street tree form

LARGE DECIDUOUS TREES

Mature height over 30' Minimum tree lawn 5' Not suitable under wires

Zone		Native	Form	Salt Tolerant	Urban	Fall Color	Flowers	
4 to 10	Bald Cypress	•	V/C			•		sensitive to alkaline soils; reddish fall color
4 to 9	Blackgum	•	C			•		beautiful orange/red fall color; sensitive to alkaline soils
4 to 8	Catalpa	•	R	•			•	weaker branch structure; large leaves; white flowers
2 to 9	Hackberry	•						general – tough urban tree
	'Prairie Pride'	•	R	•	•	•		rugged tree; good branch structure
	'Magnifica'	•	R	•	•	•		better resistance to leafhoppers
4 to 8	Hickory							general – prefers moist soils; nuts can be messy
	Bitternut	•	U/R			•		better for moist sites; intolerant of drought
	Pignut	•	R	•		•		better for dryer/harsher sites
	Shagbark	•	R					interesting bark; fairly adaptable
3 to 9	Honeylocust							general – tough urban tree
	'Shade Master'	•	S	•	•	•		vigorous growth, less fruiting and thorns; yellow fall color
	'Skyline'	•	S	•	•	•		upright branching; better yellow fall color
3 to 8	Linden							general – typically on cool moist sites; aphids can be messy
	American Basswood	•	C/R				•	somewhat sensitive to drought and salt; fragrant yellow flowers
	American – 'Redmond'	•	C/R				•	conical form; sensitive to drought and salt; intolerant of salt; fragrant yellow flowers
	Magnolia							Only Cucumbertree variety is hardy enough
4 to 8	Cucumbertree	•	C				•	large dark green leaf; prefers moist, winter sheltered sites; tolerates alkaline soils; yellow flowers
4 to 9	Maple							general – many cultivars and hybrids
	Red Maple	•	R			•		many cultivars; some may not be native
	Oak							
3 to 8	Bur	•	R/S	•				massive, stout tree; tolerates alkaline soils
4 to 8	Red	•	R	•	•			fast growing after established; intolerant of alkaline soils; bacterial leaf scorch; reddish fall color
4 to 8	Shingle	•	R			•		intolerant of alkaline soils; reddish fall color
3 to 8	Swamp White	•	R	•	•	•		tougher than white oak; transplants better than white oak; orange-gold fall color
3 to 9	White	•	R			•		can be hard to transplant; red fall color
6 to 9	Willow Oak	•	S	•				cold sensitive; requires acidic soil
	Sycamore and Relatives							
4 to 9	American	•	S	•		•		attractive bark and structure; susceptible to anthracnose; yellowish fall color
4 to 9	Tuliptree/Yellow Poplar	•	U/R			•	•	impressive tall growing tree; attractive yellow fall color

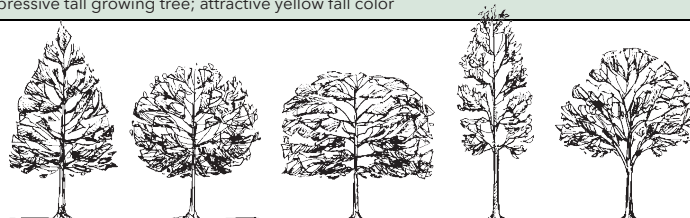
NOTES

Names in single quotes indicate a cultivar or hybrid. 'Spring Snow' is Spring Snow Crabapple.

'Queen Elizabeth' is Queen Elizabeth Hedge Maple.

See web, *Landscape Tree Factsheets* (H. Gerhold), or *Manual of Woody Plants* (M. Dirr) for much more information and photos about cultivars and other trees.

TREE FORMS



C = Conical R = Rounded

S = Spreading

U = Upright

V = Vase

EVERGREEN TREES

Heights range from 20' - >100'

Zone	Common Name	Moisture	Shade	Max Height	
3 to 8	Eastern White Pine	Moist	Sun/Shade	>100'	Very high wildlife value, very tall
3 to 8	Eastern Hemlock	Moist	Sunny	60-80'	PA State tree, high wildlife value, susceptible to Hemlock Woolly Alelgid
2 to 6	White Spruce	Moist to Dry	Sunny	40-60'	Prefers acidic Soil, can tolerate drought, high wildlife value
5 to 9	American Holly	Moist to Dry	Sun/Shade	25-60'	Requires a male and female to produce berries
2 to 7	White Cedar	Moist to Dry	Sun/Shade	20-40'	Narrow tree with 10-15' spread, food and cover for birds
2 to 9	Eastern red-cedar	Dry	Sunny	30-45'	Provides shelter and food for birds and wildlife
4 to 7	Pitch Pine	Dry	Sunny	50-60'	Thrives in poor sites with sandy soils, good for wildlife
4 to 8	Virginia Pine	Dry	Sunny	40-50'	Prefers poor sandy, rocky soils, required full sunlight