

Plant Names	Mature Height	Light Needs	Uses	Wildlife Value	Native Species	Growth Rate	Flood Tolerance	Comments
American Beech	60'-80'	PS	WL, A	Best	Yes	Slow	Low	Moist, rich soils of uplands; shade tree
American Crabapple	20'	FS/PS	WL, A,	Better	No	Med	Low	Larger fruit
American Plum	30'	FS-PS	WL, A, W	Better	Yes	Med.	Medium	Edible fruit
Arborvitae	40-70'	FS	W, S	Good	Yes	Med	Medium	Excellent windbreak tree
Arrowwood	3-10'	FS-PS	WL, A,	Better	Yes	Med	Low	White flowers with blue-black fruit
Baldcypress	100-120'	FS/PS	SC, W, A,	Good	No	Med	High	Looses needles every year
Bitternut Hickory	60 – 80'	FS/PS	WL, T,	Best	Yes	Slow	Low	Vase shape in habit; bitter, inedible kernel
Blackhaw	20'	FS-PS	WL, A,	Best	Yes	Med.	Low	Good for songbirds
Black Cherry	80'	FS-S	WL, T,A	Better	Yes	Med	Low	Valuable wood; toxic to livestock
Black Locust	75'	FS	WL	Better	Yes	Fast	Low	Very fragrant flowers; small thorns; decay resistant
Black Walnut	70-90'	FS/PS	T, WL,	Better	Yes	Slow	Medium	Valuable timber tree
Black Willow	60-100'	FS	WL, A, SC	Good	Yes	Fast	High	Excellent for streambank stabilization;
Blue Spruce	30-50'	FS	W, S, A	Good	No	Slow	Low	Some strains bluer than others
Bur Oak	50-80'	FS/PS	T, A, SC, WL	Best	Yes	Med-Slow	Medium	Large acorn with fringed cap
Butternut	40-70'	FS	T, WL	Better	Yes	Slow	Low	Edible nuts
Buttonbush	20'	FS-PS	WL., SC,	Better	Yes	Medium	High	Button-like balls of fruit
Canaan Fir	60'	FS	W, S, A	Good	No	Med	Low	Tolerates some moister sites
Catalpa	65'	FS-PS	A,WL,	Better	No	Med	Low-Medium	Large white flower
Chinkapin Oak	50'	FS	WL,	Best	Yes	Slow	Low	Tiny acorns
Common Chokecherry	20'	FS-PS	WL, A, SC	Better	Yes	Medium	Med.-High	
Cottonwood	80'	FS	SC,	Good	Yes	Fast	High	Shallow root system
Douglas Fir	80-100'	FS	W, S, A	Good	No	Med	Low	
Eastern Red Cedar	45'	FS-PS	W, S, A	Good	Yes	Slow	Low	Shallow root system; resistant to drought and heat
Eastern White Pine	90'	FS	W, A	Good	Yes	Fast	Low	Likes well drained soils; Soft long needles
Fraser Fir	30-50'	FS	W, S, A	Good	No	Med	Low	Short, soft needles
Flowering Dogwood	30'	PS-S	A, W, WL	Better	Yes	Med	Low	Spring white flowers
Green Ash	60'	FS	SC, A, T,	Good	Yes	Fast	High	Fast growing
Hackberry	50-90'			Good	Yes			
Hemlock	60-70'	PS-S	A	Good	Yes	Slow	Low	
Honeylocust	80'	FS-PS	WL,	Good	Yes	Fast	Medium	Large, branched thorns
Kentucky Coffeetree	70'	PS	WL, A, SC	Better	Yes	Slow	Medium	Seed is long, wide, dark red pod
Nannyberry	20'	FS	WL, A, SC	Best	Yes	Med.	Medium	White flowers with flat blue-black fruit
Northern Red Oak	60-90'	PS	WL, T, A	Best	Yes	Med	Low	Deep lateral roots
Norway Spruce	80'	FS	A, W, S	Good	No	Med	Low-Medium	Branches droop
Ohio Buckeye	30-70'	PS	A, SC,	Good	Yes	Slow	Low-med	Seeds and young foliage are poisonous
Pawpaw	35'	PS-S	WL, SC	Best	Yes	Slow	Medium	Banana-like fruit
Persimmon	20-70'	FS	WL, A,	Best	Yes	Slow	Low	Edible fruit
Pin Oak	50-90'	FS-PS	WL,A, W,T,SC	Best	Yes	Med-Fast	Med-High	Shallow fibrous root system
Post Oak	30-70'	FS	WL, SC, W, A	Best	Yes	Slow	Medium	

Redbud	40'	PS-S	A, W	Good	Yes	Slow	High	Showy purple spring flowers
Red Maple	60-90'	FS-PS	SC, A,	Good	Yes	Fast-Med	High	
Red-osier Dogwood	3-10'	FS-PS	SC, WL, A,	Better	Yes	Fast	High	Useful on erosion control on streams
River Birch	40-80'	FS-PS	A,SC, WL	Good	Yes	Fast	High	Flaky orange/red bark
Sassafras	30-60"	FS	A,WL	Good	Yes	Fast	Low	
Scotch Pine	70'	FS	W, S, A	Good	No	Med	Low	
Serviceberry	40'	FS-PS	WL, W, A	Better	Yes	Med	Low	Showy white flowers in spring
Shagbark Hickory	70-100'	PS	WL, T,	Best	Yes	Med	Med – Low	
Shellbark Hickory	70-100'	FS-PS	WL, T, SC	Best	Yes	Med.	Medium	Large leaves, large nuts
Shingle Oak	50-60'	FS	WL, A,W, SC	Best	Yes	Slow	Medium	Ornamental and shade tree
Shumard Oak	60-90"	FS	WL, T, SC,	Best	Yes	Slow	Medium-High	
Silky Dogwood	6'-10'	FS-PS	A, SC, WL	Better	Yes	Fast	Medium-high	Good stream-side plant
Silver Maple	50-80'	FS-PS	SC,	Good	Yes	Med	High	Rapid grower with brittle limbs
Sugar Maple	70-100'	S-PS	T, A,	Good	Yes	Slow	Low	
Swamp Chestnut Oak	60-80'	FS	A, SC, WL, W	Best	Yes	Slow	Med.-High	Chestnut like foliage
Swamp White Oak	60'	FS-PS	WL, SC,	Best	Yes	Fast-Med	High	Leaves are green above and whitish below
Sweetgum	60-100'	FS-PS	A, SC	Good	Yes	Med	Med - High	Brilliant red fall color
Sycamore	60-100"	FS-PS	A, SC, WL	Good	Yes	Very fast	Med	Patchy white bark
Tuliptree (yellow poplar)	80-120'	FS-PS	T, A,	Good	Yes	Fast	Low	Soft wood
Weeping Willow	30-40'	FS	A, SC,WL	Good	Yes	Fast	High	Weeping foliage
White Ash	75'	FS-PS	A, T,	Good	Yes	Med	Low	
White Oak	80-100'	FS-PS	WL, T, A	Best	Yes	Slow	Low	Important timber tree
Witch-hazel	20-30'	PS-S	WL,	Good	Yes	Med.	Low	

Light Needs – FS – full sun; PS – part shade; S – shade

Wildlife Value – good, better, best

Flood Tolerance – low, medium, high

Uses – W – windbreak, S – screen, T – timber, WL – wildlife, SC – stream corridors, A - aesthetics