



TREE/SHRUB SELECTION GUIDE

A good root system must be developed before trees & shrubs reach their indicated growth rates. Most trees & shrubs grow slowly for 1-3 years after planting or transplanting and more rapidly after their root system becomes developed. Generally, trees & shrubs with Rapid to Moderate growth rates reach 5-6 feet tall in 7-9 years. Those with Moderate to Slow growth rates reach 5-6 feet tall in 9-11 years. Soils, weather, animal or other damage, weed and grass competition, and general care will also affect growth rates.

Tree/Shrub Information Chart 	Growth Rate			Soils			Soil Moisture				Shade Tolerance			Mature Height In Feet	Common Uses & Characteristics										Origin I = Introduced, N = Native	Deer Damage Potential L = Low, M = Medium, H = High	Notes 
	Rapid 10-15" yr.	Moderate 6-12" yr.	Slow 0-8" yr.	Sand	Loam	Clay	Dry-Moist	Moist	Moist-Wet	Wet	Full sunlight	Partial Shade	Full Shade		Christmas Trees	Erosion Control	Flowering or Fall Color	Lumber/Veneer	Naturalizing	Reforestation	Shade	Wildlife	Windbreaks				
Species																											
White Cedar			X	X	X	X		X	X	X	X	X		40-50				X				X	X	N	H	Also called Arborvitae.	
Balsam Fir			X	X	X	X		X	X		X	X	X	40-80	X					X		X	X	N	H		
Red Pine	X			X			X				X			60-80		X		X				X	N	L			
White Pine	X			X	X		X	X	X		X	X		80-100	X	X		X				X	X	N	H	Needles soft to touch.	
Larch/Tamarack	X	X			X	X		X	X		X	X		30-60			X		X			X		N	L	Loses needles in the winter	
Blue Spruce			X		X	X	X	X	X		X	X		40-60	X							X	X	I	L		
Norway Spruce	X	X			X	X	X	X	X		X	X		60-80	X							X	X	I	L		
White Spruce		X	X		X	X	X	X	X		X	X		60-80	X	X						X	X	N	L		
River Birch	X	X		X	X	X		X	X	X	X	X		20-60			X	X			X	X		N	L		
Flowering Dogwood		X			X	X		X	X		X	X		20-30		X		X				X		N	M		
Shagbark Hickory			X	X	X	X	X	X			X	X		60-75			X		X			X		N	M	Good for firewood.	
Serviceberry		X		X	X	X	X	X			X	X		12-25		X						X		N	H	Purple berries	
Red Maple	X	X		X	X	X		X	X	X	X	X		60-70		X	X	X				X	X	N	H	Bright fall color.	
Sugar Maple		X		X	X	X	X	X			X	X		60-80		X	X		X					N	H	Sap used for syrup	
Sweetgum	X	X		X	X	X	X	X	X	X	X	X		60-75		X						X	X	I	L		
Pin Oak	X				X	X			X	X	X			70-90			X	X				X	X	N	L-M	Good for food plots	
Red Oak	X	X		X	X	X	X	X			X	X		80-100		X		X	X	X				N	L	Good for firewood.	
White Oak			X	X	X	X	X	X			X			75-100			X		X	X	X		N	L			
Hybrid Poplar	X			X	X	X	X	X	X		X			40-50							X	X	I	L	Firewood, short-lived		
Redbud			X	X	X	X	X	X			X	X		20-25		X						X		N	L	Rose-pink flowers.	
Tulip Tree	X			X	X		X	X			X			80-100		X	X	X		X	X	X		N	L	Tulip-like flowers	
Button Bush	X	X	X	X	X	X		X	X	X	X	X		8-12					X	X		X		N	L	White flower clusters.	
Red Osier Dogwood	X			X	X	X	X	X	X		X	X		8-10		X	X					X	X	N	M	Red stems	
Elderberry		X		X	X	X		X	X	X	X	X		6-12		X	X					X		N	M	Yellow-white flowers	
Hazelnut	X	X			X	X	X	X	X		X	X		6-10					X			X		N	M	Small tree, nuts	
Lilac		X		X	X	X	X	X	X		X	X		8-15		X						X		I	M	Lavender blooms	
Spicebush			X		X	X		X	X		X	X	X	6-12		X		X				X		N	M	Yellow flowers, bright red fruit.	
Highbush Cranberry			X	X	X	X	X	X	X	X	X	X		6-8		X	X					X	X	N	H	Red berries	
Beauty Packet		X	X	X	X	X	X	X	X		X	X		Varies			X		X		X	X		N	Varies	For landscaping & naturalizing.	
Evergreen Packet	X	X	X	X	X	X	X	X	X		X	X		Varies Avg. 60-80	X				X			X	X	N	Varies		
Nut Tree Packet	X	X		X	X	X	X	X			X	X		Varies				X	X		X	X	X	N	L		
Wetland Packet	X		X	X	X	X		X	X	X	X	X		Varies					X			X		N	M-H	For planting near ponds, wetlands, riparian areas.	
Apple, Fuji		X		X	X	X	X	X			X			12-15		Winter hardy; avg. vigor; spreading habit							H	Ripens mid-late Sept.			
Apple, Gala		X		X	X	X	X	X			X			12-16		Winter hardy; avg. vigor; spreading habit							H	Ripens mid-Sept.			
Apple, Granny Smith		X		X	X	X	X	X			X			12-16		Winter hardy; very vigorous, spreading habit							H	Ripens late Oct.-Nov.			
Apple, Honeycrisp		X		X	X	X	X	X			X			15-20		Very hardy; avg. vigor; productive							H	Ripens mid-Sept.			
Apple, McIntosh		X		X	X	X	X	X			X			12-15		Very hardy & vigorous; spreading habit							H	Ripens mid-late Sept.			
Cherry, Black Gold		X		X	X		X	X			X			12-15		Hardy & split-resistant							H	Ripens in June			
Peach, Red Haven	X	X		X	X	X	X	X			X			12-15		Very hardy; avg. vigor; spreading habit							H	Ripens in June-July.			
Pear, Bartlett		X		X	X	X	X	X			X			15-20		Winter hardy; vigorous & productive							H	Ripens late Aug-early Sept.			
Blackberries, Chester	X			X	X	X	X	X			X			3-6		Winter hardy and productive.							L	Ripens early-mid Aug.			
Raspberries, Prelude	X			X	X	X	X	X			X			3-6		Very winter hardy and vigorous.							L	Ripens mid-June			