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	Common Uses & Characteristics									Origin	Deer Damage Potential	Notes
Species	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	In Feet	Christmas Trees	Erosion Control	Flowering or Fall Color	Lumber/Veneer	Naturalizing	Reforestation	Shade	Wildlife	Windbreaks	I = Introduced, N =Native	*L = Low, M = Medium, H = High*	
White Cedar			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			X	N	*L*	
White Pine	X			X	X		X	X	X		X	X		80-100	X	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			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		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*