



2022 SPECIES DESCRIPTION & SITE SUITABILITY



DECIDUOUS

PICTURE	SPECIES	SCIENTIFIC NAME	MATURE HEIGHT	DESCRIPTION	SOILS	LIGHT	USES
	BLACK CHERRY	<i>Prunus serotina</i>	75'	*dense foliage *white flowers *fruit for birds & small animals *resistant to walnut toxicity	*widely adaptable *well drained	*full sun *part shade	*wildlife food *shade *timber
	BLACK TUPELO	<i>Nyssa sylvatica</i>	50'	*slow to medium growth rate *attracts bees in spring *bluish fruit ripens in September/October	*widely adaptable *well drained	*full sun *part shade	*wildlife food
	BUR OAK	<i>Quercus macrocarpa</i>	80'	*drought & pollution tolerance *offers dense shade *produces large acorns *provides food to many animals	*widely adaptable	*full sun	*shade *wildlife food
	CHINESE CHESTNUT	<i>Castanea mollissima</i>	60'	*drought tolerance *bears nuts in 4-5 years *nut ripens mid-late September and is large, meaty, & sweet *provides dense shade	*widely adaptable	*full sun	*shade *wildlife food *human food
	NORTHERN RED OAK	<i>Quercus rubra</i>	75'	*fast growing *tolerates pollution *shade tolerant *food for birds & animals *golden-orange/crimson/russet in fall	*widely adaptable *well drained	*full sun	*wildlife food *shade *timber
	RIVER BIRCH	<i>Betula nigra</i>	70'	*good for stream banks *fast growing *yellow in fall *tolerates standing water	*poorly drained	*full sun *part shade	*shade
	SUGAR MAPLE	<i>Acer saccharum</i>	75'	*prefers well drained soil *shade tree *valuable timber *yellow/orange/red in fall	*widely adaptable *well drained	*full sun *part shade	*timber *shade

EVERGREEN

PICTURE	SPECIES	SCIENTIFIC NAME	MATURE HEIGHT	DESCRIPTION	SOILS	LIGHT	USES
	COLORADO BLUE SPRUCE	<i>Picea pungens</i>	75'	*stiff, silvery blue-green needles *wildlife cover *ordinary soils *good for windbreak	*average	*full sun *part shade	*christmas tree *windbreak *wildlife cover
	CONCOLOR FIR	<i>Abies concolor</i>	50'	*grows in pyramidal shape *drought tolerant *popular christmas tree choice	*well drained	*full sun *part shade	*windbreak *christmas tree *wildlife cover & food
	EASTERN WHITE CEDAR	<i>Thuja occidentalis</i>	40'	*ornamental *provides wildlife shelter *cones used for aromatic essential oil	*widely adaptable	*full sun *part shade	*windbreak *wildlife cover *wildlife food
	EASTERN WHITE PINE	<i>Pinus strobus</i>	80'	*has fast growing, long soft needles *good for windbreaks and screens *attractive ornamental tree	*widely adaptable	*full sun *part shade	*windbreak *wildlife cover *wildlife food
	FRASER FIR	<i>Abies fraseri</i>	50'	*most popular christmas tree *has a very pleasant odor *does well at retaining needles	*well drained	*full sun *part shade	*christmas tree *wildlife food *wildlife cover
	NORWAY SPRUCE	<i>Picea abies</i>	80'	*drooping branches *good for windbreaks *cover & food for numerous birds & animals *resistant to walnut toxicity	*average	*full sun *part shade	*windbreak *christmas tree *wildlife cover & food

FLOWER

PICTURE	SPECIES	SCIENTIFIC NAME	MATURE HEIGHT	DESCRIPTION	SOILS	LIGHT	USES
	PHLOX 'BLUE BOY'	<i>Phlox paniculata</i> 'Blue Boy'	39"	*large fragrant flowers in a pyramidal cluster *blooms july - august *attracts hummingbirds & butterflies	*average	*full sun	*border *fresh flowers
	ASTILBE 'GLOW'	<i>Astilbe arendsii</i> 'Glow'	30"	*plumes are triangular *attracts butterflies *leaves are bronze red in spring and green in summer	*well drained	*full sun *part shade	*border *fresh flowers
	GLADIOLUS 'JESTER'	<i>Gladiolus</i> 'Jester'	48"	*sword like foliage *attracts hummingbirds & butterflies *dig bulbs up before winter and store until spring	*well drained	*full sun	*border *fresh flowers

FRUIT

PICTURE	SPECIES	SCIENTIFIC NAME	MATURE HEIGHT	DESCRIPTION	SOILS	LIGHT	USES
	BING CHERRY	<i>Prunus avium</i> 'Bing'	20'	*blooms early spring with fragrant white flowers *requires cross-pollinations within 100' *heart shaped fruit ripens mid-June/mid-summer	*well drained	*full sun	*human food *wildlife food
	EMPIRE APPLE	<i>Malus domestica</i> 'Empire'	15'	*deep red in color and has a sweet taste *plant nearby another apple tree for cross pollination *requires yearly pruning	*well drained *average	*full sun	*human food *wildlife food
	MCINTOSH APPLE	<i>Malus domestica</i> 'McIntosh'	30'	*medium sized fruit with red/green skin *good pollinator *suitable for cooking or eating raw *juicy, sweet-tart flavor ripens in September	*widely adaptable	*full sun	*human food *wildlife food
	STRAWBERRIES - ALLSTAR	<i>Fragaria x ananassa</i> 'Allstar'	8-12"	*has high yield of large, juicy fruit *white flowers with yellow centers appear before fruiting *self-pollinating	*well drained *average	*full sun	*human food *wildlife food

SHRUB

PICTURE	SPECIES	SCIENTIFIC NAME	MATURE HEIGHT	DESCRIPTION	SOILS	LIGHT	USES
	JUNEBERRY SERVICEBERRY	<i>Amelanchier lamarckii</i>	15'	*white flowers in spring and orange red leaves in fall *berries resemble blueberries *low maintenance & attracts birds	*widely adaptable	*full sun *part shade	*wildlife food
	LILAC 'MONGE'	<i>Syringa vulgaris</i> 'Monge'	12'	*fragrant reddish-purple flowers bloom in late spring *attracts hummingbirds & butterflies	*well drained	*full sun	*border *fresh flowers
	WITCH HAZEL	<i>Hamamelis virginiana</i>	30'	*yellow fragrant flowers bloom from October to December *leaves turn yellow-orange in the fall *low maintenance	*widely adaptable	*full sun *part shade	*border