

Village of Baxter Estates
Preferred Species List

Factors to Consider

Besides any personal leanings toward a particular tree, there are other factors a resident should consider when selecting a large tree to plant:

Shade is an obvious benefit of large trees. A few large trees planted on the south and west sides of a house can reduce cooling costs up to 10% in the summer. In the winter, deciduous trees drop their leaves to allow the sun to naturally warm your house. Large trees can also shade decks and patios, walks, and parking areas. They can also limit locations where other sun-loving plants can grow.

Framing is another feature of large trees. When planted in front or side yards, large trees can create a visual “frame” around a house. Large trees planted in the backyard create a background against which the house is viewed from the street. In each case, a large tree helps create a sense of establishment and permanence.

Permanence needs to be taken into account. Large trees will be part of your landscape for many years. In fact, once established, they can be quite expensive to remove. Therefore, it's especially important when planting large trees to make sure you're planting them in sites that meet the trees' needs and allows for the trees' ultimate size.

Characteristics of the tree are also important. You should be aware of the tree's flowers, fruits, seeds, leaves, bark, and growth habit to make sure it is appropriate for your landscape setting. While Oak acorns are fine to feed the squirrels and birds, you don't want them filling up your gutters if the tree will eventually overhang the house.

The following is a list of suggested large trees to plant in Baxter Estates and some information about them. Remember that no living thing is always perfect! Research more information about these and many other possible trees on the Internet, and also at your local nursery, before making a final choice

Height and spread listed below are at the tree's maturity. How fast a tree grows will be influenced by site conditions, species selection, and maintenance. Growth rate refers to the average annual rate of growth in the first 10 years after planting.

BALD CYPRESS:

Bald-Cypress (*Taxodium Distichum*)

50-70' Maximum Height | 20-30' Spread | Pyramidal Shape | Growth Rate: Medium (13 to 22 inches a year)

Notes: Sun; adaptable to wet, dry, and swampy locations; prefers acidic soils, chlorosis symptoms with high pH soil; straight narrow tree with wide base; sage green leaves turn a russet-red in fall; a stately deciduous conifer.

BEECH:

European Beech (*Fagus Sylvatica*)

50-60' Maximum Height | 35-45' Spread | Pyramidal to Oval Shape | Growth Rate: Slow to Medium (12 to 18 inches a Year)

Notes: Sun; moist, well-drained soil; more tolerant of alkaline soil than our native species; smooth gray bark; attractive foliage

Fern-leaved European Beech (*Fagus Sylvatica*) 'Asplenifolia'

50-60' Maximum Height | 45-50' Spread | Pyramidal Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Cut-leaf, dark green leaves almost fern-like; attractive golden-brown fall color.

Tricolor European Beech (*Fagus Sylvatica*) 'Purpurea Tricolor'

30-40' Maximum Height | 20-25' Spread | Rounded Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Variegated purplish leaves edged with rose and cream color.

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Notes: Variegated purplish leaves edged with rose and cream color.

River's Copper Beech (*Fagus Sylvatica*) 'Riversii'

50-60' Maximum Height | 45' Spread | Rounded Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Best in part shade to full sun in deep, rich, moist but well-drained soils. Intolerant of wet, poorly drained, clay soils. Difficult to transplant, spring plant only.

River Birch (*Betula Nigra*)

40-70' Maximum Height | 40-60' Spread | Pyramidal to Rounded Shape | Growth Rate: Medium to Fast (18 to 25 inches a year)

Notes: Full sun to part shade; moist to well-drained acidic soil, develops iron chlorosis in high pH soil; tolerant of temporary flooding and clay soils; attractive peeling bark adds winter interest.

Cully River Birch (*Betula Nigra*) 'Cully'

60-70' Maximum Height | 40-50' Spread | Rounded Pyramidal | Growth Rate: Slow (less than 12 inches per year)

Notes: Sun to part shade; well-drained, acidic soil; open habit with low branching; cinnamon-red exfoliating bark

COFFEETREE

Kentucky Coffeetree (*Gymnocladus Dioicus*)

50-60' Maximum Height | 40-50' Spread | Broad to Wide Spreading Shape | Growth Rate: Slow to Medium (12 to 18 inches a Year)

Notes: Full sun to part shade; best in moist soil; tolerant of high pH soil, drought, and pollution; yellow fall color; thick seed pods of female tree offer winter interest; male trees are seedless.

Kentucky Coffeetree (*Gymnocladus Dioicus*) 'J.C. McDaniel'

60-70' Maximum Height | 30-40' Upright/Spreading Shape | Growth Rate: Slow to Medium (12 to 18 inches a Year)

Notes: Full sun, prefers deep moist soil for best growth. Drought and pollution tolerant.

ELM:

Morton Stalwart Elm (*Ulmus*) 'Morton Stalwart'

60' Maximum Height | 50' Spread | Upright/ Oval Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Full sun; moist, well-drained soil; high drought tolerance.

Homestead Elm (*Ulmus*) 'Homestead'

40-50' Maximum Height | 40-50' Spread | Pyramidal to Vase Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Excellent DED and elm yellows resistance; arching branches; susceptible to elm leaf beetles; European hybrid.

Pioneer Netherland Elm (*Ulmus x Hollandica*) 'Pioneer'

50-60' Maximum Height | 45-50' Spread | Rounded Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Excellent DED resistance; tolerant of urban conditions; susceptible to elm leaf beetle; yellow fall color; European hybrid.

Regal Elm (*Ulmus*) 'Regal'

50-60' Maximum Height | 30-35' Spread | Pyramidal to Oval Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Good DED resistance; stress tolerant; strong central leader with open crown; European hybrid; U of WI introduction.

Morton Glossy Elm (*Ulmus*) 'Morton Glossy'

50-60' Maximum Height | 40-50' Spread | Upright-Oval Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Vigorous grower with glossy dark green foliage and symmetrical form.

Princeton American Elm (*Ulmus Americana*) 'Princeton'

75-90' Maximum Height | 50-60' Spread | Vase Shape/Upright Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Well-drained soil in full sun to part shade, tolerates flooding.

New Horizon Elm (*Ulmus*) 'New Horizon'

40-50' Maximum Height | 40-50' Spread | Upright Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Excellent DED resistance; large, dark green leaves; yellow fall color; upright, full crown; Asian hybrid.

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75-90' Maximum Height | 50-60' Spread | Vase/Upright Shape | Growth Rate: Fast (25 inches or more a year)

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GINKGO:

Ginkgo (*Ginkgo Biloba*)

50-80' Maximum Height | 30-40' Spread | Pyramidal to Wide Spreading Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Needs sun; moist fertile soil; pH adaptable; displays good salt, heat, and pollution tolerance; bright green, fan-shaped leaves change to an excellent yellow fall color; select male cultivars only.

Autumn Gold Ginkgo (*Ginkgo Biloba*) 'Autumn Gold'

45' Maximum Height | 30-35' Spread | Broadly Pyramidal Shape | Growth Rate: Slow to Medium (12 to 18 inches a Year)

Notes: Full sun, prefers deep, sandy soils and moderate moisture, soil pH adaptable.

Magyar Ginkgo (*Ginkgo Biloba*) 'Magyar'

50' Maximum Height | 20-25' Spread | Upright Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Full sun, best in deep, sandy soil and moderate moisture, pH adaptable.

Princeton Sentry Ginkgo (*Ginkgo Biloba*) 'Princeton Sentry'

60' Maximum Height | 10-15' Spread | Columnar Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Full sun, prefers deep sandy soils and moderate moisture, pH adaptable.

HACKBERRY:

Hackberry (*Celtis Occidentalis*)

40-60' Maximum Height | 40-50' Spread | Broad Oval to Vase Shape | Growth Rate: Medium to Fast (18 to 25 inches a Year)

Notes: Sun (young plants prefer part shade); acid or alkaline soils; tolerant of temporarily wet sites and pollution.

LINDEN:

American Basswood (*Tilia Americana*)

60-80' Maximum Height | 30-40' Spread | Oval to Rounded Shape | Growth Rate: Medium (13 to 22 inches a year)

Notes: Sun to part shade; prefers deep, fertile soil; heart-shaped leaves; fragrant flowers in June; dense shade tree.

Glenleven Yellowish Linden (*Tilia x Flavescens*) 'Glenleven'

50' Maximum Height | 35' Spread | Upright/Oval Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Full sun to light shade in deep, fertile, well-drained soil, pH adaptable.

Thornless Honey Locust (*Gleditsia Triacanthos var. Inermis*)

40-70' Maximum Height | 40-70' Spread | Broad Vase Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Sun; moist, well-drained soil; salt and drought tolerant; cast light shade.

Moraine Honey Locust (*Gleditsia Triacanthos var. Inermis*) 'Moraine'

40-60' Maximum Height | 50-70' Spread | Broad Vase Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Seedless; golden yellow fall color.

Skyline Honey Locust (*Gleditsia Triacanthos f. Inermis*) 'Skyline'

45-60' Maximum Height | 35-45' Spread | Pyramidal Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Sun; moist, well-drained soil; strong central leader; dark, leathery leaves turn a bright yellow fall color; fruitless.

MAGNOLIA:

Cucumber Magnolia (*Magnolia Acuminata*)

50-80' Maximum Height | 50-60' Spread | Pyramidal to Rounded Shape | Growth Rate: Medium to Fast (18 to 25 inches a Year)

Notes: Full sun to light shade; moist well-drained soil; attractive pinkish-red fruit pods.

MAPLE:

Freeman's Maple (*Acer x Freemanii*)

75-80' Maximum Height | 45-50' Spread | Oval Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Needs full sun; thrives in a range of soil pH, tolerates wet or dry soil conditions; a hybrid of red and silver maple; outstanding red-orange fall color.

Marmo Freeman's Maple (*Acer x Freemanii*) 'Marmo'

45-70' Maximum Height | 35-40' Spread | Upright Columnar Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Red and green fall color.

Black Maple (*Acer Nigrum*)

60-70' Maximum Height | 50-75' Spread | Upright Oval Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Sun to part shade; well-drained soil; higher heat and drought tolerance than sugar maple; salt sensitive.

Red Maple (*Acer Rubrum*)

40-50' Maximum Height | 35-45' Spread | Pyramidal Shape | Growth Rate: Medium to Fast (18 To 25 inches a Year)

Notes: Needs full sun; prefers moist, acidic soil; chlorosis is a problem in high pH soil and drought conditions; red flowers and yellow-green to red fall color.

Autumn Flame Red Maple (*Acer Rubrum*) 'Autumn Flame'

50-60' Maximum Height | 40-50' Spread | Rounded Shape | Growth Rate: Medium (13 to 22 inches a year)

Notes: Best in full sun and well-drained soils. Tolerant of temporary wet conditions once established. Prefers slightly acidic pH soils.

Bowhall Red Maple (*Acer Rubrum*) 'Bowhall'

40-50' Maximum Height | 10-15' Spread | Upright Pyramidal Shape | Growth Rate: Medium (13 to 22 inches a year)

Notes: Narrow form; late, brilliant orange to red fall color.

Franksred Red Maple (*Acer Rubrum*) 'Franksred'

40-50' Maximum Height | 35-40' Spread | Pyramidal to Rounded Shape | Growth Rate: Medium (13 to 22 inches a year)

Notes: Early, orange to red fall color.

October Glory Red Maple (*Acer Rubrum*) 'October Glory'

40-50' Maximum Height | 40-50' Spread | Oval to Rounded Shape | Medium (13 to 22 inches a year)

Notes: Late, brilliant orange to red fall color

Sugar Maple (*Acer Saccharum*)

60-75' Maximum Height | 40-50' Spread | Oval to Rounded Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Requires full sun to part shade; prefers rich, well-drained soil; susceptible to salt, drought, and air pollution; leaf scorch and verticillium wilt can be a serious problem; orange, yellow, or red fall color.

Green Mountain Sugar Maple (*Acer Saccharum*) 'Green Mountain'

50-60' Maximum Height | 45-50' Spread | Oval Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Full sun to part shade; loamy, well-drained soil; adaptable to moderately high pH soil; tolerant of heat and dry conditions; orange and golden yellow fall color.

Jeffersred Freeman's Maple (*Acer x Freemanii*) 'Jeffersred'

50-60' Maximum Height | 40-50' Spread | Broad Oval Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Develops a strong central leader; more drought tolerant than above; consistent orange-red fall color.

Miyabe Maple (*Acer Miyabei*)

40-50' Maximum Height | 30-35' Spread | Upright-Oval to Rounded Shape | Growth Rate: Medium (13 to 22 inches a year)

Notes: Full sun in moist, well drained, slightly acidic soil; tolerates some dryness.

Morton Miyabei Maple (*Acer Miyabei*) 'Morton'

40-50' Maximum Height | 30-35' Spread | Broad Pyramidal Shape | Growth Rate: Medium (13 to 22 inches a year)

Notes: Full sun in moist, well drained, slightly acidic soils. Excellent heat and drought tolerance.

OAK:

White Oak (*Quercus Alba*)

50-80' Maximum Height | 50-80' Spread | Broadly Rounded Shape | Growth Rate: Slow to Medium (12 to 18 inches a Year)

Notes: Full Sun; requires moist, slightly acidic soil; sensitive to soil disturbances, such as compaction; state tree of IL.

Swamp White Oak (*Quercus Bicolor*)

50-60' Maximum Height | 50-60' Spread | Broadly Rounded Shape | Growth Rate: Medium (13 to 22 inches a year)

Notes: Sun; requires moist, slightly acidic soil; chlorosis symptoms in high pH soils; tolerant of urban conditions.

Bur Oak (*Quercus Macrocarpa*)

70-80' Maximum Height | 80-90' Spread | Broad Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Sun; very adaptable to most soils and pH; difficult to transplant; more tolerant of urban conditions than other oaks.

Chinkapin Oak (*Quercus Muhlenbergii*)

40-50' Maximum Height | 50-70' Spread | Round Shape | Growth Rate: Slow (less than 12 inches per year)

Notes: Full sun; prefers rich, well-drained soil; tolerant of alkaline soil; difficult to transplant.

English Oak (*Quercus Robur*)

40-60' Maximum Height | 50-60' Spread | Round Shape | Growth Rate: Slow to Medium (12 to 18 inches a year)

Notes: Full sun; well-drained soil; pH tolerant.

Northern Red Oak (*Quercus Rubra*)

60-80' Maximum Height | 60-75' Spread | Round Shape | Growth Rate: Medium (13 to 22 inches a year)

Notes: Full sun; prefers sandy loam soils that are slightly acidic; develops chlorosis symptoms in high pH soils; tolerant of salt and air pollution.

POPLAR:

Tulip-Tree (*Liriodendron tulipifera*)

70-90' Maximum Height | 35-50' Spread | Rounded to Oval Shape | Growth Rate: Fast (25 inches or more a year)

Notes: Sun; prefers moist, well-drained soil; pH adaptable; straight trunked; goblet shaped orangeish-green flowers in spring; unusual tulip-shaped leaves turn yellow in fall; spring plant only.