

Spring 2020 Tree Planting Program - Tree Description

1. **Yellow Buckeye** (*Aesculus flava*) - Height: 60-80 feet, Spread: 25-35 feet, Form: Oval, upright. Tolerant of a wide range of soils. Prefers moist, well-drained soils in full to part-sun. Attractive display of yellow flower clusters in May. Fall color is yellow to orange. Native to a few counties in southern Illinois, often found along rivers and streams.
2. **Canada Serviceberry** (*Amelanchier canadensis*) – Height: 15-20 feet, Spread: 10-15 feet, Form: upright. Prefers wet soils and tolerates occasional flooding. Excellent small tree for sites with restricted space. White flowers bloom in early spring. Fall color is orange and red.
3. **Blue Beech** (*Carpinus caroliniana*) - Height: 20-30 feet, Spread: 20-30 feet, Form: compact and globular. Prefers moist, well-drained and wet soil. Moderately tolerant to drought conditions. Grows well in full sun to full shade. This native small tree is slow growing. The smooth gray trunk forms a distinctive muscle appearance with age. Excellent yellow, orange, and red fall color.
4. **Northern Catalpa** (*Catalpa speciosa*) - Height: 40-70 feet, Spread: 20-50 feet, Form: Rounded to narrow oval crown. Tolerant of a wide range of soils. Prefers moist, fertile soils in full-sun to part-shade. Showy white flowers in spring. Seedpods are 12-24” long. The large 12” long leaves turn yellow to brown in the fall.
5. **Hackberry** (*Celtis occidentalis*) – Height: 40-60 feet, Spread: 40-60 feet, form is oval, round, vase shaped. Moderate to fast growth rate. Tolerant of many conditions and soil types. Bark develops attractive corky warts and ridges as the tree ages. Birds are attracted to the small fleshy berries, which ripen in late summer. Fall color is yellow.
6. **Yellowwood** (*Cladrastis kentukea*) - Height: 30-50 feet, Spread: 40-55 feet, Form: Round, medium sized tree. Prefers moist, well-drained soils. Adaptable too many planting sites. Fragrant, white flower clusters in the spring. Flowers bloom heavily every other year. Yellow fall color. The tree is a rare native species to Illinois, found in only a few southern counties.
7. **Espresso Kentucky Coffee Tree** (*Gymnocladus dioicus* ‘Espresso’) - Height: 60-80 feet, Spread: 40-55 feet, Form: attractive vertical ascending branches, bold winter outline with stout branches and furrowed bark. Prefers moist, well-drained soils. This tree is very adaptable and can tolerate poor soils and drought. Almost tropical appearance in summer. Medium growth rate. Excellent yellow fall color. Male/seedless cultivar.
8. **Sweet Gum** (*Liquidambar styraciflua*) - Height: 60-80 feet, Spread: 40-60 feet, Form: upright growth habit with straight trunk. Prefers moist, fertile soils, but very adaptable. Star-shaped leaves turn shades of yellow, orange, purple, and red in the fall. The fruit are 1 ½ in. diameter and remain on the tree for much of the winter.

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9. **Black Tupelo** (*Nyssa sylvatica*) - Height: 30-50 feet Spread: 20-30 feet, Form: oval, upright. Prefers well-drained soils in full sun. Moderately tolerant of drought and poor drainage. Parkway locations high in organic matter is a requirement for tree health. This slow growing, Illinois native tree has excellent red fall color.
10. **Swamp White Oak** (*Quercus bicolor*) - Height: 50-60 feet Spread: 50-60 feet, Form: broad, round. Grows well in well-drained to wet soils. This oak is found throughout IL in lowland forests. Excellent shade tree and very adaptable to the urban environment. Provides orange/gold fall color.
11. **Shingle Oak** (*Quercus imbricaria*) - Height: 40-60 feet, Spread: 40-60 feet, Form: oval, pyramidal. Full sun to shade. Prefers moist, well-drained soil. Tolerant of many conditions and soil types. Leaves are unlobed, unlike other native oaks. Fall color is yellow-brown. This oak holds leaves throughout the winter.
12. **Chinquapin Oak** (*Quercus meuhlenbergii*) - Height: 50-80 feet, Spread: 50-60 feet, Form: pyramidal, round. Excellent parkway tree due to high drought tolerance. Prefers well-drained soils. Found in well-drained highland forests of IL. Leaves are coarsely toothed unlike other oaks. Fall color is yellow to orange-brown.
13. **Bald Cypress** (*Taxodium distichum*) - Height: 50-70 feet, Spread: 20-45 feet, Form: Pyramidal cone bearing tree. Tolerates a wide range of soils and conditions. Excellent choice for wet locations, but adaptable to drier upland locations. Native to Southern Illinois and Southern United States swamps. Feather-like leaves turn orange in the fall.

For pictures see the Morton Arboretum's website at: www.mortonarb.org

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