

Spring 2018 Tree Planting Program - Tree Description

1. **Yellow Buckeye** (*Aesculus flava*) - Height: 60-80 feet, Spread: 25-35 feet, Form: oval, upright. Attractive yellow flowers in May. Prefers moist, well-drained soils. Tolerant of wet locations. Native to Southern Illinois along rivers and streams. Fall color is yellow-orange.
2. **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.
3. **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.
4. **Ironwood** (*Ostrya virginiana*) - Height: 25-40 feet Spread: 15-40 feet, Form: pyramidal, round. Prefers moist, fertile, well-drained soils. This small tree is native to dry highland forests of IL. Fall color is yellow. Long vertical strips of bark are attractive.
5. **White Oak** (*Quercus alba*) - Height: 50-80 feet Spread: 100 feet, Form: broad, round. Prefers moist, well-drained soils. Does not tolerate wet conditions. Wide spreading branches with red fall color. The white oak is the state tree of IL.
6. **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.
7. **Hill's Oak** (*Quercus ellipsoidalis*) - Height: 40-75 feet Spread: 40-75 feet, Form: oval. The Hill's Oak is smaller compared to other oak trees when full grown. Prefers well-drained soils in full sun. Can tolerate dry soils. Excellent scarlet-red fall color. Hills Oak is part of the red oak group and found in highland forest of Northern IL.

8. **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.
9. **Bur Oak** (*Quercus macrocarpa*) - Height: 70-80 feet Spread: 70-80 feet, Form: round. Adaptable too many soil types and locations. This oak can be found on moist lowland forests to dry highland forests. Prefers full sun and makes an excellent shade tree for large locations.
10. **Chinquapin Oak** (*Quercus muehlenbergii*) - 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 forest of IL. Leaves are coarsely toothed unlike other oaks. Fall color is yellow to orange-brown.
11. **Shumard Oak** (*Quercus shumardii*) - Height: 40-60 feet Spread: 40-60 feet, Form: Pyramidal, Round. Adaptable to dry and poorly drained soils. Shumard oak is native to southern IL lowland forests and moist highland forests. This oak is part of the red oak group, with excellent red fall color.
12. **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 areas, but adaptable to drier upland areas. 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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