

# Kentucky Coffeetree

*Gymnocladus dioicus*



Mature



Fall

## General Attributes

Type	Deciduous Tree
Height	50 - 70 Feet
Spread	30 - 50 Feet
Form	Irregular
Utility Lines	Incompatible
Growth Rate	Slow
Life Expectancy	Medium
USDA Zone	3 - 8
Root Pattern	Deep Lateral

## Flowers/Foliage/Fruits

Flower Color	Yellow
Flower Season	Spring
Fruit	Pod
Fruit Color	Dark Brown
Fruit Season	Spring, Fall, Winter
Summer Texture	Medium
Winter Texture	Coarse
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Yellow
Winter Foliage	Not Applicable

## Plant Community

Sun	Full Sun
Orientation	North, South, East, West
Soil Texture	Sandy Loam to Clay
Topography	Upland, Lowland (Stable Water)
Plant Community	Forest
Succession	Pioneer
Origin	MSA Zone 1, MSA Zone 6, Minnesota, North America

## Soils

Salt Spray Tolerance	Tolerant
Soil Salt Tolerance	Tolerant
Compaction Tolerance	Moderate
Water Table	12 Inches
Drainage	Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Moist, Wet
pH	6.5 through 7.8
Windbreak Group	

# Kentucky Coffeetree

*Gymnocladus dioica*

## Planting Ease

Spring Bareroot	Difficult
Fall Bareroot	Difficult
Spring Container	Moderate
Fall Container	Moderate
Spring Seed	
Fall Seed	

## Maintenance

Formal	Low
Informal	Low
2,4-D Tolerance	Sensitive
Dicamba Tolerance	Sensitive
Picloram Tolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	
Sulfur Dioxide	
Ozone Tolerance	Sensitive
Hydrogen Flouride	
Nitrogen Oxide	

## Pests/Problems

Allergens	males 9, females 1
Invasiveness	Non-Invasive
Toxicity	Has toxic Leaves, Fruit
Cold Injury	Not Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

## Miscellaneous

Wildlife Rating	Low
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

## Comments

Has distinct large pinnate leaves & seed pods. Deeply furrowed bark and stout branches. Seeds were used as a coffee substitute by early settlers. Leaves and seeds are poisonous. Avoid dry exposed sites. Roots will sucker when disturbed.



Bark



Dormant

# Kentucky Coffeetree

*Gymnocladus dioica*



Flower



Fruit



Immature