

black walnut [Juglandaceae](#) [Juglans nigra](#) L.  symbol: JUNI

vTree

Leaf: Alternate, pinnately compound, 12 to 24 inches long with 10 to 24 leaflets (poorly formed or missing terminal leaflet), leaflets are ovate-lanceolate, finely serrate, and 3 to 3 1/2 inches long, rachis is stout and somewhat pubescent; yellow-green to green above, slightly paler below.

Flower: Species is monoecious; males are single-stemmed catkins, 2 1/2 to 5 1/2 inches long; females on short spikes near twig end, yellow-green in color, appearing in late spring.

Fruit: Round, 2 to 2 1/2 inches across, with a thick, green indehiscent husk. The husk contains an irregularly furrowed, hard nut that contains sweet, oily meat (edible), mature in late summer to fall.

Twig: Stout, light brown, with a buff-colored chambered pith; buds are tan, and large with a few pubescent scales; leaf scars are 3-lobed, resembling a "monkey face".

Bark: Brown on surface, darker brown when cut, ridged and furrowed with a rough diamond pattern.

Form: A medium to large tree up to 100 feet in height that develops a straight, clear bole with a narrow crown under competition, twigs and branches quite stout.

Looks like: [butternut](#) - [Kentucky coffeetree](#) - [tree-of-Heaven](#) - [English walnut](#)



Additional Range Information:
Juglans nigra is native to North America. Range may be expanded by planting. [See states reporting black walnut.](#)

External Links:
[USDAFS Silvics of North America](#)
[USDAFS Additional Silvics](#)
[Landowner Factsheet](#)
[USDA Plants Database](#)
[Horticulture](#)

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