



TREE SPECIES (SCIENTIFIC NAME)

Lafoensia acuminata

COLOMBIAN COMMON NAME

Guayacán de Manizales, Guayacán, Guayacán amarillo

TREE FAMILY

LYTHRACEAE

ELEVATIONAL RANGE (M)

1200–3350m

AVERAGE LEAF SIZE (CM)

15cm × 4.5cm  
Length Width

TREE HEIGHT

MEDIUM (20–35M)



DISTRIBUTION



NATIVE TO COLOMBIA

NATIVE TO

Region: Americas

Latin America: Bolivia, Colombia, Ecuador, Peru

Colombia: Antioquia, Boyacá, Caldas, Cauca, Cundinamarca, Huila, Nariño, Valle del Cauca

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT

Unknown

TREE MANAGEMENT

Propagated by seeds. requires silvicultural management, including formative pruning and trimming of dry branches. It has medium resistance to urban pollution and high resistance to frost.

CULTIVATION



PLANTED



NATURAL

TREE BENEFITS AND USES

FARMER USES



Lumber, Ornamental, Product

Used to adorn and decorate spaces. Dyes are extracted from the bark. Used in carpentry and handicrafts.

FARM SERVICES



Soil Improvement, Erosion Control, Reforestation, Carbon Capture, Water Protection

Shade for livestock. Capture and storage of atmospheric carbon. Establishment of living fences, forest plantations, and silvopastoral systems. Used for water protection and decontamination. Soil conservation and recovery of degraded areas, provides biomass.

BIODIVERSITY BENEFITS



YES

Attracts seed dispersers, Attracts pollinators. Fruits are consumed by birds, insects, and mammals, and its flowers are visited by insects.

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Plants of the World Online (POWO). (2024). Plants of the World Online. Facilitated by the Royal Botanic Gardens, Kew. Published on the Internet. Retrieved from <http://www.plantsoftheworldonline.org/>; International Union for Conservation of Nature (IUCN). (2024). IUCN Red List. Published on the Internet. Retrieved from <https://www.iucnredlist.org/>; Fern, Ken (2024). Tropical Plants Database. Published on the Internet. Retrieved from <https://tropical.theferns.info/>; Universidad EIA. (2024). Catálogo virtual de Flora del Valle de Aburrá. Published on the Internet. Retrieved from <https://catalogofloravalleaburra.eia.edu.co/>; World Flora Online. (2024). World Flora Online. Published on the Internet. Retrieved from <https://www.worldfloraonline.org/>; Universidad Nacional de Colombia. (2024). Nombres Comunes de las Plantas de Colombia. Published on the Internet. Retrieved from <http://www.biovirtual.unal.edu.co/nombrescomunes/es/>; Global Biodiversity Information Facility (GBIF). (2024). GBIF. Published on the Internet. Retrieved from [https://www.gbif.org/es/Sistema de Información sobre Biodiversidad de Colombia \(SIB\) \(2024\). Catálogo de la Biodiversidad. Published on the Internet. Retrieved from: https://catalogo.biodiversidad.co/](https://www.gbif.org/es/Sistema de Información sobre Biodiversidad de Colombia (SIB) (2024). Catálogo de la Biodiversidad. Published on the Internet. Retrieved from: https://catalogo.biodiversidad.co/)