



TREE SPECIES (SCIENTIFIC NAME)

Gliricidia sepium

ENGLISH COMMON NAME

Grow stick

COLOMBIAN COMMON NAME

Matarratón, Acacia, Desnudo florecido

TREE FAMILY

FABACEAE

AVERAGE LEAF SIZE (CM)

30cm × 12cm
Length Width

ELEVATIONAL RANGE (M)

5–1900m

TREE HEIGHT

SMALL (10–20M)



DISTRIBUTION



NATIVE TO COLOMBIA

NATIVE TO

Region: Americas

Latin America: Belize, Brazil, Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, South Caribbean

Colombia: Antioquia, Caldas, Cauca, Cundinamarca, Huila, Nariño, Risaralda, Santander, Tolima, Valle del Cauca

EXOTIC IN

Latin America: Africa, Aruba, Asia, Brazil, Cuba, Dominican Republic, Ecuador, French Guiana, Guyana, Haiti, Jamaica, Leeward Islands, Marianas, Oceania, Puerto Rico, Trinidad-Tobago, Venezuela, Windward Islands

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT

Unknown

TREE MANAGEMENT

Propagated by seeds and cuttings. Each fruit contains between 3 and 10 seeds.

CULTIVATION



PLANTED



NATURAL

TREE BENEFITS AND USES

FARMER USES



Livestock Forage, Fuelwood, Lumber, Medicinal, Ornamental, Product

Leaves have a high protein value and are used as livestock forage. It acts as an abortifacient. Cataplasms of the leaves are used against sunstroke, acne, and contusions; leaves are also used as an antihistamine, antipyretic, and diuretic. Leaves and bark decoction is used to treat ailments. Used to adorn and decorate spaces. Leaves can be used as an insecticide, and roots produce a poisonous substance used as a rodenticide. Used as firewood. Used on floors, parks, rustic furniture, wooden tiles, interior finishes, turned items, shoe molds, and handicrafts.

FARM SERVICES



Coffee Shade, Soil Improvement, Erosion Control, Reforestation, Nitrogen Fixation

Shade for coffee, cocoa, vanilla, and tea crops. Soil conservation and recovery of degraded areas, provides biomass. Establishment of living fences. Helps in nitrogen fixation in soil through the roots. Stabilization of degraded soils.

BIODIVERSITY BENEFITS



YES

Attracts pollinators, as it is a melliferous species.

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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/>; Giraldo P, Laina A, López JH, Aguirre JF, Toro J. (2009). Café, una alternativa para la Conservación. Wildlife Conservation Society, WWF Colombia, Asociación Red Colombiana de Reservas Naturales de la Sociedad Civil, Federación Nacional de Cafeteros de Colombia Duarte, LE (2005). Plantas útiles de la cuenca del Orinoco. BP Exploration Company (Colombia) Limited, Ecopetrol y Corporinoquia