



TREE SPECIES (SCIENTIFIC NAME)

# Zanthoxylum rhoifolium

COLOMBIAN COMMON NAME

Tachuelo, doncel

TREE FAMILY

RUTACEAE

AVERAGE LEAF SIZE (CM)

25cm × 15cm  
Length Width

DISTRIBUTION



NATIVE TO COLOMBIA

ELEVATIONAL RANGE (M)

0–2000m

TREE HEIGHT

LARGE (> 35M)



## COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT



BENEFICIAL TO COFFEE

TREE MANAGEMENT

Propagated by seeds and cuttings.

CULTIVATION



PLANTED



NATURAL

## TREE BENEFITS AND USES

FARMER USES



Livestock Forage, Lumber, Medicinal, Ornamental, Product

Used for toothache and earache, as an anti-inflammatory, to treat malaria. It also has antibacterial and fungicidal properties. Used in the manufacture of furniture, doors and windows.

FARM SERVICES



Coffee Shade, Windbreak, Soil Improvement, Carbon Capture, Water Protection

Used for water protection and decontamination

BIODIVERSITY BENEFITS



YES

Attracts biological control agents, Attracts seed dispersers, Attracts pollinators. Birds visit these trees not only to eat fruits, but to catch insects. Some insectivores are prevalent in these trees, including flycatchers and warblers.

Last Updated: February 20, 2025

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/>