



TREE SPECIES (SCIENTIFIC NAME)

Maclura tinctoria

ENGLISH COMMON NAME

Fustic tree

COLOMBIAN COMMON NAME

Moral, dinde, mora

TREE FAMILY

MORACEAE

AVERAGE LEAF SIZE (CM)

7cm x 4cm
Length Width

DISTRIBUTION



NATIVE TO COLOMBIA

ELEVATIONAL RANGE (M)

0-1500m

TREE HEIGHT

LARGE (> 35M)



COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT



BENEFICIAL TO COFFEE

TREE MANAGEMENT

The seeds are dispersed by animals. Partially mature woody cuttings can also be used. The seeds can also be planted in a nursery and then transferred to their final place.

CULTIVATION



PLANTED



NATURAL

TREE BENEFITS AND USES

FARMER USES



Food, Livestock Forage, Lumber, Medicinal, Ornamental

Dyes and colorants are extracted from the bark. It is used in heavy construction, floors, railroad sleepers, fence posts and wagon wheels.

FARM SERVICES



Coffee Shade, Carbon Capture

Capture and storage of atmospheric carbon.

BIODIVERSITY BENEFITS



YES

Attracts biological control agents, Attracts seed dispersers. A wide variety of birds visit these trees, either looking for insects in their flowers and leaves, or directly for their flowers and fruits to consume. Fruits are small and desired by frugivorous birds of different sizes. Small birds that consume its fruits help in seed dispersal.

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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/>; United States Department of Agriculture. Natural Resources Conservation Service. (2024). Plants Database. Published on the Internet. Retrieved from <https://plants.usda.gov/home/>; Fern, Ken (2024). Tropical Plants Database. Published on the Internet. Retrieved from <https://tropical.theferns.info/>; 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/>