



TREE SPECIES (SCIENTIFIC NAME)

Senna macrophylla

COLOMBIAN COMMON NAME

Velero, dorancé

TREE FAMILY

LEGUMINOSAE

AVERAGE LEAF SIZE (CM)

19cm × 9cm
Length Width

DISTRIBUTION



NATIVE TO COLOMBIA

ELEVATIONAL RANGE (M)

50–2000m

TREE HEIGHT

LARGE (> 35M)



NATIVE TO

Region: Americas

Latin America: Bolivia, Brazil, Colombia, Ecuador, Panama, Peru, Venezuela

Colombia: Antioquia, Boyacá, Caldas, Cauca, Cundinamarca, Huila, Quindío, Risaralda, Tolima, Valle del Cauca

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT

Unknown

TREE MANAGEMENT

Propagated by seeds and cuttings.

CULTIVATION



PLANTED



NATURAL

TREE BENEFITS AND USES

FARMER USES

Unknown

FARM SERVICES



Coffee Shade, Windbreak, Soil Improvement, Nitrogen Fixation, Carbon Capture

Helps with nitrogen fixation in soil through the roots

BIODIVERSITY BENEFITS

✓ YES

Attracts biological control agents, Attracts pollinators. Flowers can be very attractive to some pollinating insects, such as some beetles and flies.

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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/>; 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/>