



TREE SPECIES (SCIENTIFIC NAME)

Hevea brasiliensis

ENGLISH COMMON NAME

Rubber Tree

PERU COMMON NAME

Shiringa

TREE FAMILY

EUPHORBIACEAE

AVERAGE LEAF SIZE (CM)

27cm × **8.25cm**
Length Width

ELEVATIONAL RANGE (M)

350–1000m

TREE HEIGHT

LARGE (> 35M)

DISTRIBUTION

**NATIVE TO PERU**

NATIVE TO

Region: Americas**Latin America:** Bolivia, Brazil, Colombia, Peru, Venezuela

EXOTIC IN

Latin America: Costa Rica, Mexico

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

**ARABICA**

COFFEE IMPACT

**MAY COMPETE WITH COFFEE**

CULTIVATION

**PLANTED**

PREVALENCE

Unknown

TREE MANAGEMENT

Propagated by seeds or grafting of shoots. Seeds are only viable for a short period and should be sown immediately after harvest. Germinate in shaded beds and move to the nursery shortly after germination, where they are planted in the ground or in a perforated polyethylene bag. Weed control is required and legume coverage recommended after transplantation. Intolerant of swampy conditions. Harvest and replant after 30-35 years to maintain economic viability. Prune and remove unwanted branches. Mulch before the end of the late rains. Fertilizer recommended. Trees can be harnessed when 50-70% of trees are 150 cm tall from the base with a circumference size of at least 45 cm (15 cm in diameter). The bark is cut from the upper left (150 cm high) to the lower right. Can compete with coffee.

TREE BENEFITS AND USES

FARMER USES



Food, Lumber, Product

Used to make furniture, boards, parquet and many other wood products. Latex is used for rubber and as a crop, and oil and fruit are used and consumed. The seeds contain a semi-drying oil that can be used in the manufacture of paints and soap.

FARM SERVICES

Unknown

BIODIVERSITY BENEFITS

No

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Jezeer, Rosalien. (2018). PhD dissertation: Shedding Light on Shade- Reconciling Livelihoods and Biodiversity in Coffee Agroforests. [10.13140/RG.2.2.28895.71844](https://doi.org/10.13140/RG.2.2.28895.71844);

Mendoza, A. L. M., & Guerrero, M. H. (2010). Catálogo de los árboles y afines de la Selva Central del Perú. Amaldoa, 17, 203-242.;

Shade Catalog | Indonesia. Shade Catalog, Conservation International, Smithsonian Migratory Bird Center and World Coffee Research. Retrieved October 5, 2022, from <https://www.shadecoffee.org/en/catalog/indonesia>;

Plants of the World Online POWO (2022). "Plants of the World Online. Facilitated by the Royal Botanic Gardens, Kew. Published on the Internet <http://www.plantsoftheworldonline.org>.