



TREE SPECIES (SCIENTIFIC NAME)

Guarea macrophylla *subsp. Tuberculata*

PERU COMMON NAME

Requia

TREE FAMILY

MELIACEAE

AVERAGE LEAF SIZE (CM)

17.17cm × 8.2cm
Length Width

DISTRIBUTION

**NATIVE TO PERU**

ELEVATIONAL RANGE (M)

0–1200m

TREE HEIGHT

MEDIUM (20–35M)

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

**ARABICA**

COFFEE IMPACT

**BENEFICIAL TO COFFEE**

CULTIVATION

**PLANTED****NATURAL**

TREE MANAGEMENT

Planted by seeds. Plant the seed in a partially shaded nursery. A low germination rate can be expected and the seed sprouts within 40 to 50 days. The fruit contains 8 seeds with a red colored aril, arranged in 4 cells covered by a woody capsule in the form of a star when opened in 4 parts (2 seeds per cell). It has a low incidence of pests.

PREVALENCE

Not Common in Coffee Agroforestry

TREE BENEFITS AND USES

FARMER USES

**Firewood, Lumber, Medicinal, Ornamental**

Used to make furniture, cabinet work, interior ornaments, carpentry, boat building, decorative and utility veneer, and plywood. The bark has detoxifying effects and is used to treat syphilis and induce vomiting.

FARM SERVICES

**Coffee Shade, Soil Improvement**

Coffee Shade: sparse coverage

Soil Improvement: can remove contaminants

BIODIVERSITY BENEFITS

**YES**

Saltators, toucans, and toucanets eat the seeds with arils.

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Tropical Plants Database, Ken Fern. tropical.theferns.info. 2022-06-22. tropical.theferns.info/viewtropical.php?id=Guarea+macrophylla