



TREE SPECIES (SCIENTIFIC NAME)

Gnetum gnemon

ENGLISH COMMON NAME

Buko

INDONESIAN COMMON NAME

Melinjo

TREE FAMILY

GNETACEAE

AVERAGE LEAF SIZE (CM)

16-22cm × **15cm**
Length Width

ELEVATIONAL RANGE (M)

0-1200m

TREE HEIGHT

SMALL (10-20M)



DISTRIBUTION



NATIVE TO INDONESIA

NATIVE TO

Region: Asia, Oceania

Malaysia, Myanmar, Papua New Guinea, Philippines, Singapore, Vietnam

Indonesia: Borneo, Lesser Sunda Islands, Maluku Islands, New Guinea, Sulawesi

EXOTIC IN

Indonesia: Java, Sumatra

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ROBUSTA



ARABICA

COFFEE IMPACT



BENEFICIAL TO COFFEE

REGENERATION



REGENERATES NATURALLY

CULTIVATION



PLANTED

TREE MANAGEMENT

Propagated by seedling. Seedlings available from fruit/commodity nurseries. Able to withstand dry periods and poor soil. Seeds dispersed by animals. Long lived tree.

PREVALENCE



COMMON IN COFFEE AGROFORESTRY

TREE BENEFITS AND USES

FARMER USES



Food, Lumber, Product

Vegetable, seeds, pods, leaves, and inflorescences are consumed either raw or boiled. It is used to make dye and a high quality fiber is extracted from the inner bark that is used to make bow strings and fishing lines and nets because it is durable in sea water. Can be sold at local market.

FARM SERVICES



Coffee Shade, Soil Improvement, Erosion Control, Reforestation

BIODIVERSITY BENEFITS



YES

Used by Javan loris as connectivity

Last Updated: April 28, 2021

Image: Isner manalu