



TREE SPECIES (SCIENTIFIC NAME)

# Lansium domesticum

ENGLISH COMMON NAME

Longkong

INDONESIAN COMMON NAME

Duku, Langsat, Pisitan, Kokosan

TREE FAMILY

MELIACEAE

AVERAGE LEAF SIZE (CM)

40cm × 14-16cm  
Length Width

DISTRIBUTION

NATIVE TO INDONESIA

ELEVATIONAL RANGE (M)

0-800m

TREE HEIGHT

MEDIUM (20-35M)



NATIVE TO

**Region:** Asia

Malaysia, Philippines, Singapore, Thailand

**Indonesia:** Borneo, Java, Lesser Sunda Islands, Sulawesi, Sumatra

EXOTIC IN

**SE Asia:** Cambodia, Laos, Myanmar, Papua New Guinea, Vietnam

**Indonesia:** Maluku Islands, New Guinea

## COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

ROBUSTA ARABICA

COFFEE IMPACT

Unknown

TREE MANAGEMENT

Propagated by seed or from natural seedlings that regenerate under mature trees. Propagation by cutting, grafting, and air layering also possible. Germination and seedling vigor improve with seed size. Only large seeds should be used in nurseries. Early seedling growth is very slow. Under intensive care, it takes 10-18 months to get a pencil-thick stem suited for grafting or planting, but plants may require up to 36 months to develop in most nurseries. Seedlings should be place in pots and planted when 1 m tall.

REGENERATION

REGENERATES NATURALLY

CULTIVATION

PLANTED

PREVALENCE

COMMON IN COFFEE AGROFORESTRY

## TREE BENEFITS AND USES

FARMER USES



### Food, Fuelwood, Lumber, Medicinal, Product

The leaf and seeds are used as an anti-malarial treatment, the wood and bark used to treat diarrhea, malaria, and typhoid, and this species is considered interesting from a pharmacological perspective due to its rich active compounds which have potential to be developed into new drugs. The wood is used for house construction, also produces latex, the dried fruit peels are burnt to drive mosquitos away, and it is a preferred fuelwood due to its high calorific value and less toxic smoke. The fruit is consumed and 40-80% of yearly production can be sold at market and commercially.a

FARM SERVICES

Unknown

BIODIVERSITY BENEFITS

YES

Used for foraging and perching by many bird species

Last Updated: April 27, 2021

Image: Andrew McRobb Digital Image © Board of Trustees, RBG Kew <http://creativecommons.org/licenses/by/3.0/>