



TREE SPECIES (SCIENTIFIC NAME)

Leucaena cultivars

(*diversifolia*, *leucocephala*, and hybrids)

ENGLISH COMMON NAME

River Tamarind

INDONESIAN COMMON NAME

Lamtoro, Lamtoro PG 79, Mlanding (Javanese), Pelending (Sundanese), Pete selong (Sundanese)

TREE FAMILY

FABACEAE

AVERAGE LEAF SIZE (CM)

0.495cm × **0.09cm**
Length Width

DISTRIBUTION

 **EXOTIC IN INDONESIA**

ELEVATIONAL RANGE (M)

0-1500M

TREE HEIGHT

SMALL (10-20M)



NATIVE TO

Region: Americas

EXOTIC IN

SE Asia: Cambodia, Laos, Malaysia, Papua New Guinea, Philippines, Singapore, Thailand

Indonesia: Java, Lesser Sunda Islands, New Guinea, Sulawesi, Sumatra

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

 **ROBUSTA**  **ARABICA**

COFFEE IMPACT

✓ **BENEFICIAL TO COFFEE**

TREE MANAGEMENT

Propagated by directly sowing seed or by transplanting seedlings. Pre-soak seeds in warm water. Plant at 2 x 2.5 m spacing and thin to 4 x 5 m when mature. Prune every 6-8 weeks or cut back to 0.5-1.0 m during the growing season to feed fresh leaves to livestock. Prefers slightly acidic, fertile soils.

REGENERATION

Unknown

CULTIVATION

 **PLANTED**

PREVALENCE

 **COMMON IN COFFEE AGROFORESTRY**

TREE BENEFITS AND USES

FARMER USES



Food, Livestock Forage, Fuelwood, Lumber, Ornamental

The cultivar, Lamtoro PG79, is the primary shade tree propagated and promoted for coffee shade in Indonesia by government and agronomy extension services. Leaves and fruit obtained during pruning are used as fodder for cattle and other livestock and are also used for human consumption as vegetables, with the seeds and pods also used and consumed. The species is used for firewood and charcoal. Large logs are also used in construction and as poles.

FARM SERVICES



Coffee Shade, Soil Improvement, Erosion Control, Coffee Productivity, Nitrogen Fixation

BIODIVERSITY BENEFITS

✓ **YES**

Used for foraging and perching by many bird species. Used by Javan loris for connectivity. However some cultivars have invasive properties.

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