



TREE SPECIES (SCIENTIFIC NAME)

# Toona sinensis

ENGLISH COMMON NAME

Red Cedar

INDONESIAN COMMON NAME

Surian, Ingul (sumatra)

TREE FAMILY

**MELIACEAE**

AVERAGE LEAF SIZE (CM)

**10-12cm** × **4cm**

Length Width

DISTRIBUTION



**NATIVE TO INDONESIA**

ELEVATIONAL RANGE (M)

**350-2500m**

TREE HEIGHT

**MEDIUM (20-35M)**



NATIVE TO

**Region:** Asia

**SE Asia:** Laos, Malaysia, Myanmar, Singapore, Thailand, Vietnam

**Indonesia:** Borneo, Java, Sumatra

## COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

**ROBUSTA** **ARABICA**

COFFEE IMPACT

**BENEFICIAL TO COFFEE**

TREE MANAGEMENT

Regenerates naturally, and seedlings are planted that are collected from cleared places under mature trees (the seed needs a certain amount of light to germinate). Often planted on farm perimeters. Fast growing, and prefers full sun. Harvested from the age of 30 years

REGENERATION

**REGENERATES NATURALLY**

CULTIVATION

**PLANTED**

PREVALENCE

**COMMON IN COFFEE AGROFORESTRY**

## TREE BENEFITS AND USES

FARMER USES



**Food, Fuelwood, Lumber, Medicinal**

Wood used for flooring, construction, walls, and furniture. Leaves eaten as vegetables. Various parts of the plant, especially the bark and roots are used medicinally.

FARM SERVICES



**Coffee Shade**

BIODIVERSITY BENEFITS

Unknown

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