



TREE SPECIES (SCIENTIFIC NAME)

*Falcataria falcata*

ENGLISH COMMON NAME

White albizia

INDONESIAN COMMON NAME

Sengon putih, Jeungjing (Sundanese), Sengon Laut (Javanese), Sikat (Banda)

TREE FAMILY

**FABACEAE**

AVERAGE LEAF SIZE (CM)

**1.1cm** × **0.4cm**  
Length Width

ELEVATIONAL RANGE (M)

**0–1200m**

TREE HEIGHT

**LARGE (> 35M)**



DISTRIBUTION



**NATIVE TO INDONESIA**

NATIVE TO

**Region:** Asia

Papua New Guinea

**Indonesia:** Java, Maluku Islands, New Guinea, Sulawesi, Sumatra

## COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



**ROBUSTA**



**ARABICA**

COFFEE IMPACT



**BENEFICIAL TO COFFEE**

REGENERATION

Unknown

CULTIVATION



**PLANTED**

TREE MANAGEMENT

Propagated by seed. To increase germination, seeds can be soaked in boiling water for 1-3 minutes or soaking seed in concentrated sulphuric acid for 10 minutes then washing and soaking in water for 18 hours. Store seeds by air drying for 24 hours then packing in polythene bags and store at 4-8 C. Sow seeds directly in nursery, pressing them gently into the soil, and then covering with a layer of fine sand up to 1.5 cm thick. Seedlings can be transplanted after 2-2.5 months. Spacing of 2-4 m x 2-4 m for planting seedlings in the field. Thin trees to 250 trees/ha when 4-5 years old and to 150 trees/ha when 10 years old to maximize timber production. Fast growing with a cutting cycle is generally 12-15 years and a biological rotation of <15 years.

PREVALENCE



**COMMON IN COFFEE AGROFORESTRY**

## TREE BENEFITS AND USES

FARMER USES



**Livestock Forage, Fuelwood, Lumber, Product**

Its wood is used in light building construction, musical instruments, toys, wooden shoes, furniture, and fences. The tree is used for shade and soil improvement, charcoal production, its leaves used as fodder for goats, and it is also used to make dye. It can be sold at local markets and is used as a long-term income source.

FARM SERVICES



**Coffee Shade, Soil Improvement, Coffee Productivity, Reforestation, Nitrogen Fixation**

BIODIVERSITY BENEFITS

**✓ YES**

Used for foraging and perching by many bird species

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