



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

DISTRIBUTION



NATIVE TO INDONESIA

ELEVATIONAL RANGE (M)

0–1200M

TREE HEIGHT

LARGE (> 35M)



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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