



TREE SPECIES (SCIENTIFIC NAME)

Shorea sumatrana

INDONESIAN COMMON NAME

Tengkawang

TREE FAMILY

DIPTEROCARPACEAE

AVERAGE LEAF SIZE (CM)

10.5cm × 5.5cm

Length Width

ELEVATIONAL RANGE (M)

350–850m

TREE HEIGHT

MEDIUM (20–35M)



DISTRIBUTION



NATIVE TO INDONESIA

NATIVE TO

Region: Asia

Malaysia, Singapore, Thailand

Indonesia: Java, Sumatra

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ROBUSTA

COFFEE IMPACT

Unknown

REGENERATION

Unknown

CULTIVATION



PLANTED

TREE MANAGEMENT

Propagated by seed. Recommended to sow as soon as possible and to soak the seed for 12 hours prior to sowing. Sow in seedbeds and cover with a mixture of sand and soil (1:1 ratio) or with a thin layer of sawdust. Pot seedlings 5-6 cm tall (~2 weeks after germination) into individual 15 x 23cm containers with good drainage holes. Recommended to use a mixture of forest soil and sand (3:1 ratio) as the potting medium in order to introduce the appropriate mycorrhiza to the roots. Place seedlings in 50 - 60% sunlight and water twice daily. Harden seedlings off in full sunlight for one month before planting. Can be planted when 30 - 40cm tall

PREVALENCE



COMMON IN COFFEE AGROFORESTRY

TREE BENEFITS AND USES

FARMER USES



Fuelwood, Lumber, Product

The seed can be used in making soap, candles, polishes, and cosmetics. The wood is used for light construction, flooring, exterior joinery, musical instruments, boxes, and crates.

FARM SERVICES

Unknown

BIODIVERSITY BENEFITS

Unknown

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Image: <http://specimens.kew.org/herbarium/K000700512> The Herbarium Catalogue, Royal Botanic Gardens, Kew. Published on the Internet <http://www.kew.org/herbcat> [accessed on 10 12 2020].