



TREE SPECIES (SCIENTIFIC NAME)

Calliandra houstoniana

ENGLISH COMMON NAME

Calliandra

INDONESIAN COMMON NAME

Kaliandra

TREE FAMILY

FABACEAE

AVERAGE LEAF SIZE (CM)

14.5cm × 0.5-2cm

Length Width

DISTRIBUTION



EXOTIC IN INDONESIA

ELEVATIONAL RANGE (M)

250-1800m

TREE HEIGHT

SMALL (10-20M)



NATIVE TO

Region: Americas

EXOTIC IN

Indonesia: Java, Sumatra

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ROBUSTA

COFFEE IMPACT



BENEFICIAL TO COFFEE

REGENERATION



REGENERATES NATURALLY

CULTIVATION



PLANTED

TREE MANAGEMENT

Fast growing and easy to regenerate and manage. Seedlings grow quickly. Weeding necessary during first year. Prune in cycles up to 4 months. Highest yields are obtained from coppicing when cut at 1 m. Root pruning and side pruning is recommended for seedling to keep taproot checked and encourage lateral root development. Likely competes with coffee and is recommended to be planted near but not over coffee as it has some coffee pollination benefits. Has invasive tendencies.

PREVALENCE



COMMON IN COFFEE AGROFORESTRY

TREE BENEFITS AND USES

FARMER USES



Livestock Forage, Fuelwood

FARM SERVICES



Nitrogen Fixation

BIODIVERSITY BENEFITS

✓ YES

Produces nectar that attracts insects and is a good source of nectar for honeybees as it flowers year-round. Feeding tree of the Javan Slow Loris.

Last Updated: April 28, 2021

Image: Dulanser Siburian