



TREE SPECIES (SCIENTIFIC NAME)

Erythrina variegata

ENGLISH COMMON NAME

Indian Coral Tree

INDONESIAN COMMON NAME

Dadap, Dadap Blendung (Sundanese), Dadap Ayam (Javanese), Dede Bineh (Madurese)

TREE FAMILY

FABACEAE

AVERAGE LEAF SIZE (CM)

14.5cm × 17.5cm
Length Width

ELEVATIONAL RANGE (M)

0–1200m

TREE HEIGHT

MEDIUM (20–35M)



DISTRIBUTION



NATIVE TO INDONESIA

NATIVE TO

Region: Asia, Oceania

Cambodia, Laos, Malaysia, Myanmar, Papua New Guinea, Philippines, Singapore, Thailand, Vietnam

Indonesia: Borneo, Java, Lesser Sunda Islands, Maluku Islands, New Guinea, Sulawesi, Sumatra

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ROBUSTA



ARABICA

COFFEE IMPACT



BENEFICIAL TO COFFEE

REGENERATION



REGENERATES NATURALLY

CULTIVATION



PLANTED

TREE MANAGEMENT

Propagated by large cuttings (2-3 m long, 5-8 cm diameter) at 6-8 week intervals or by seeds that germinate in 8-10 days. Seedlings can be at a height of 30-50 cm in 8-10 weeks. In coffee, spacing of 8-10 m is used for shade. Lower branches are removed immediately after establishment if trees are used for shade. Unpruned trees may attain a height of 15-20 m in 8-10 years and forms root nodules and fixes atmospheric nitrogen. Annual rainfall should exceed 1250 mm with a mean minimum temperature of about 20 degree C and mean maximum temperature about 32 degree C

PREVALENCE

Unknown

TREE BENEFITS AND USES

FARMER USES



Livestock Forage, Lumber, Medicinal, Ornamental

The bark is used to reduce fever, to relieve toothache, to prepare teas or make a bath for skin diseases through boiling, and in a decoction to treat liver problems. A decoction of the bark and leaves is used to treat dysentery, rheumatism, and asthma and coughs in Indonesia, the leaves (fresh, as a decoction, or as an extract of dried leaves) are used to promote sleep, are applied as a poultice on sores, and are eaten or used in a lotion to promote lactation, the leaves and flowers are used to treat menstrual disorders, the roots and leaves are used to alleviate fever, the crushed seeds are used as a poultice to treat cancer, abscesses, and are boiled in water as a remedy for snakebites. The tree is used ornamentally for its variegated leaves and showy flowers, it is used for shade, and its wood has been tested as a source of pulp for the paper industry with the fiber acceptable for pulping due to its good length and high flexibility.

FARM SERVICES



Coffee Shade, Soil Improvement, Nitrogen Fixation

Soil improvement: leaves provide fertilizer

BIODIVERSITY BENEFITS

Unknown

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