



TREE SPECIES (SCIENTIFIC NAME)

Erythrina subumbrans

ENGLISH COMMON NAME

Erythrina

INDONESIAN COMMON NAME

Dadap

TREE FAMILY

FABACEAE

AVERAGE LEAF SIZE (CM)

12cm × **10cm**
Length Width

DISTRIBUTION

NATIVE TO INDONESIA

ELEVATIONAL RANGE (M)

0-1500M

TREE HEIGHT

MEDIUM (20-35M)



NATIVE TO

Region: Asia

Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam

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

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

ROBUSTA **ARABICA**

COFFEE IMPACT

BENEFICIAL TO COFFEE

REGENERATION

REGENERATES NATURALLY

CULTIVATION

PLANTED

TREE MANAGEMENT

Propagated by seed or cuttings. Roots form easily for cuttings up to 25 cm in diameter. Seeds can be sown directly when fresh or within 3-6 months of maturity. Germination rates are high, but seeds older than 6 months may require scarification. The seeds of thornless trees generally produce trees with thorns. Plant at 330 trees/ha. Prune regularly or at least once per year. Dispersed naturally by water and occasionally birds. Often pollinated by birds that eat its nectar.

PREVALENCE

COMMON IN COFFEE AGROFORESTRY

TREE BENEFITS AND USES

FARMER USES



Livestock Forage, Fuelwood, Lumber, Medicinal, Product

Very young leaves are steamed and eaten in salads in Java. A decoction of the bark is taken to treat spleen afflictions, in Indonesia, pounded young leaves are used as a poultice for women soon after giving birth and against headache, the juice of leaves is used as an eye-wash, and a decoction of the leaves is given for coughs. The tree is used for shade and its wood is utilized in canoe and raft building. The leaves are a good, palatable fodder for livestock but if eaten by rabbits it can cause sterility and death.

FARM SERVICES



Coffee Shade, Soil Improvement, Coffee Productivity, Nitrogen Fixation

Soil improvement: leaves rapidly decompose providing soil nutrients

BIODIVERSITY BENEFITS

YES

Used for foraging and perching by many bird species

Last Updated: February 4, 2021

Image: Pradeep Rajatewa © Digital Image © Board of Trustees, RBG Kew <http://creativecommons.org/licenses/by/3.0/>