



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

ELEVATIONAL RANGE (M)

**0-1500m**

TREE HEIGHT

**MEDIUM (20-35M)**



DISTRIBUTION

**NATIVE TO INDONESIA**

NATIVE TO

**Region:** Asia

**SE 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

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