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**

NATIVE TO

**Region:** Asia
Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam
**Indonesia:** Borneo, Java, Lesser Sunda Islands, Maluku Islands, Sulawesi, Sumatra

ELEVATIONAL RANGE (M)

**0–1500m**

TREE HEIGHT

**MEDIUM (20–35M)**

## COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

**ROBUSTA**      **ARABICA**

COFFEE IMPACT

✓ **BENEFICIAL TO COFFEE**

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.

REGENERATION

**REGENERATES NATURALLY**

CULTIVATION

**PLANTED**

PREVALENCE

🌿 **COMMON IN COFFEE AGROFORESTRY**

## TREE BENEFITS AND USES

FARMER USES

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**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

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**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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