

Haldina cordifolia

Botanical name: *Haldina cordifolia*

Common name: Kadamb

Morphological characters:

Haldina cordifolia is a deciduous trees, to 30 m high, bark 1.3 cm, grey-brown, exfoliating in small patches; blaze pink-red; bole buttressed; tree crown ovoid; bark 10-12 mm thick, grey-brown, often pitted; blaze reddish; branches horizontal; branching monopodial; young shoots pubescent. Leaves simple, opposite, decussate, stipulate; stipules 10-12 x 7 mm, intrapetiolar, obovate, foliaceous, cauducous; petiole 4-10 cm long, stout, pubescent; lamina 10-20 x 10-20, orbicular or ovate or broadly ovate, base cordate, apex acuminate, margin entire. Flowers bisexual, yellow, in axillary globose heads, corolla 7-9 mm long, 5-ridged, densely finely hairy outside, lobes 5, oblong, 1-2 mm long, densely hairy; stamens 5, exserted; filaments 0.5 mm; anthers 1-2 mm long, oblong; ovary 2-celled, inferior; ovules many on a pendulous placenta; style filiform; stigma globose. Fruit a capsule, 2-3 mm long, of 2 dehiscent cocci, turbinate, brown; seeds many with tail at one end and a bifid wing other end.



Growing season and type:

1. A plant of the tropics, where it is found at elevations up to 1,000 metres.
2. It grows best in areas where annual daytime temperatures are within the range 25 - 35°C, but can tolerate 5 - 47°C.
3. It can be killed by temperatures of -1°C or lower.
4. It prefers a mean annual rainfall in the range 1,000 - 2,000mm, but tolerates 800 - 4,500mm.
5. Young trees prefer a position in light to moderate shade, but become more light-demanding as they grow older. Succeeds in most soils, growing best in deep, fairly fertile conditions. Prefers a moist but well-drained soil.
6. Prefers a pH in the range 5.5 - 6.5, tolerating 5 - 7.5. The tree has a massive root system in proportion to its size, which makes it very resistant to drought.



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1. Fruit of *Haldina cordifolia*
2. Leaves of *Haldina cordifolia*
3. *Haldina cordifolia* tree

Source: <http://tropical.theferns.info/viewtropical.php?id=Haldina+cordifolia>