

Adina cordifolia

Botanical Name: *Adina cordifolia*

Common Name: Haldu, Karma

Morphological Characteristics:

A large deciduous tree, up to 40 m tall by 2.2 m in diameter. Leaves opposite, heart shaped, 10-22 cm long. Flowers yellow, in round heads up to 2.5 cm in diameter, on long stalks. Fruits very numerous, in round heads. An important timber tree in the Terai, so far only planted on a small scale. A light-demanding tree, growing best on freely drained soil, for instance on lower slopes of hills among boulders. It grows on a wide range of soils, and will tolerate soils with high pH values, up to 8.3. It is susceptible to frost damage and to fires.



Growing season and Type:

1. The seed is shed between April and June, and is often carried fairly long distances by the wind. It germinates early in the rains, and to establish itself successfully the seed must fall on bare ground, such as landslips, alluvial soil near rivers, and abandoned cultivation.
2. The young seedlings are very small and liable to be washed away or beaten down by rain. Growth in the first year is very slow, and the seedlings often reach only 2.5 cm in height during this time; in the second year growth is faster, and the seedlings develop thick taproots.
3. The young seedlings appear to benefit from shade, but if this continues growth remains stunted until the canopy is opened to admit more light.



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1. Flower of *Adina cordifolia*
2. Leaf of *Adina cordifolia*
3. Tree of *Adina cordifolia*

Source: <http://www.forestrynepal.org/resources/trees/adina-cordifolia>