

Artemisia nilagirica (C.B.Clarke) Pamp

Synonyms : *Artemisia vulgaris* sensu Hook. F

Family : Asteraceae

Parts Used : Leaf, Flowering tops

Vernacular Names

English : Indian worm wood fleabane

Malayalam : Makkippuvu, Karpoorathulasi

Hindi : Davana

Sanskrit : Damanakah

Bengali : Nagadoni

Kannada : Manjapatre

Tamil : Makkippu

Telugu : Davanamu



Distribution and habitat: Throughout India in hilly areas.

Botany: A tall aromatic perennial shrub often gregarious, pubescent or villous through out.

• **Leaves:** Lower leaves 5-10 by 2.5-5 cm, ovate in outline deeply pinnatisect with small stipule like lobes at the base, pubescent above, white-tomentose beneath, uppermost smaller, 3 fid or entire, lanceolate.

• **Flowers:** Subglobose heads, 3-4 mm long, inspicate or sub erect or horizontal panicled racemes, outer flowers female, very slender, inner disk flowers fertile, bisexual, bracts ovate or oblong, margins scarious,

• **Fruits:** Oblong- ellipsoid minute achenes.

Chemical constituents: Adenin, Larvicidal volatile oil, Cineole, Quebrachitol, Tauremisin, Tetracosanol, Thujone, Artemisin.

Uses: Anthelmintic, antiseptic, expectorant. Leaves and flowering tops- in asthma, nervous and spasmodic affections, inflammations, measles and anaemia

Agrotechnology

Propagation: Seeds and stem cutting

Manure and fertilizers: A fertilizer dose of 60-80 kg nitrogen, 40-60 kg phosphorus, 60 kg potash/ha may be applied for a good yield.

Harvesting and storage: Crop duration is about 4.5-5.0 months. The crop is harvested as soon as flower initiation takes place. The crop is cut 15-30 cm above the ground level and dried in the shade.

