

Cynodon dactylon (L.) Pers.

Synonyms : *Panicum dactylon* Linn.

Family : Poaceae

Group : 2. Dasapushpam

Parts Used : Whole plant

Vernacular Names

English : Bermuda grass, Dhub grass

Malayalam : Karuka

Hindi : Durba

Sanskrit : Niladurva

Bengali : Dub

Gujarathi : Daurva

Kannada : Hariali

Tamil : Arugam pillu

Telugu : Harvali



Distribution and habitat: Throughout India

Botany: A prostrate extensively creeping glabrous, highly branched perennial grass grows to 30.5 cm high; roots at every node, forming matted tufts.

• **Rhizomes:** Very long; makes excellent lawns. Culms creeping with flower bearing branchlets, erect, 6-12 inches high, smooth.

• **Leaves:** 2-10 cm x 1.25-3 mm, small, narrow, linear, soft, smooth, distichous at the base, finely acute to pungent, ligule a very fine ciliate rim.

• **Inflorescence:** Terminal spikes 3-5, radiating from the top of the slender peduncle, green or purplish, 2.5-5 cm long, sessile, second, 1-2 inches long. Spikelets 1.7-2.5 mm long. Rachis is slender. Flowers alternate, single, disposed in to two rows on the under side. Calyx much smaller than the corolla. Involucres glumes lanceolate, acute to subulate-mucronulate, the lower 1-1.6 mm long, the upper slightly longer; floral glume obliquely oblong to semi ovate, about 2 mm long. Anthers are oblong, 1mm long.

• **Fruit:** Grain, oblong, laterally compressed about 1.05 mm long.

Properties: Hemostat, vulnerary, diuretic, astringent, demulcent, aperient, aromatic and ophthalmic.

Chemical constituents: 28 terpenes, sterols

Uses: It is used in hyperpiesia, burning sensation, conjunctivitis, cephalalgia, leprosy, skin diseases, abortion and general debility. It is used as an immunity booster and diuretic.

Formulations: Durvadi tailam, Gandha tailam

Propagation: Seeds and stolons.

