



## Plant Details



### *Justicia gendarussa* Burm.f.

**Synonyms :** *Gendarussa vulgaris* Nees

**Family :** Acanthaceae

**Parts Used :** Whole plant



#### **Vernacular Names :-**

English	:	Gendarussa
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Malayalam	:	Vathamkoli
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Hindi	:	Nilanairgundi
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Sanskrit	:	Vatagni
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Kannada	:	Karinekki
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## Plant Details

**Distribution and Habitat:** Found throughout India.

**Botany:** An erect under shrub, 0.6 – 1.2 m in height with profuse substrate branches, stems and branches dark violet.

**Leaves:** Simple, opposite, lanceolate, or linear lanceolate, 7.5-12.5 cm long, short – petioled, glabrous, dark violet green above and pale green beneath, main nerves about 8 pairs, midrib and main nerves prominent, on the under surface.

**Flowers:** White, spotted purple within, clustered in the interrupted spikes;

**Fruits:** Glabrous capsules.

**Properties:** Anti-inflammatory

Chemical constituents: leaves contains flavonoids vitexin and apigenin. Roots have the presence of oleic acid, 9,12-octadecadienoic acid, 6,9,12-octadecatrienoic acid and estra-1,3,5(10)-trein-17- $\beta$ -ol.

**Uses:** Used in bronchitis, eye diseases, tympanitis, inflammations, chronic rheumatism, hemiplegia, hemicrania, internal hemorrhages, fever, headache, earache and eczema

**Propagation:** By cuttings. Middle portion of the stem having 15-20 cm length and 3-4 nodes are used for planting. Spacing adopted is 60 cm X 45 cm.



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