



***Jacaranda mimosifolia* D.Don**

**Family:** Bignoniaceae

**Common names:** Jacranda, Neeli gulmohar



**Description:**

*Jacaranda mimosifolia* is a sub-tropical tree native to south-central America. It has been widely planted because of its beautiful and long-lasting blue flowers. It is a deciduous or evergreen tree up to 5-15 m tall. Its bark is thin and grey-brown in colour and smooth when the tree is young though it eventually becomes finely scaly. Leaves are compound and are up to 45 cm long. Beautiful lavender blue coloured flowers appear in dense 15-25 cm terminal clusters. The tree possesses numerous small winged seeds inside the round woody capsule.

**Utilization:**

Its main value is as an ornamental tree widely grown in urban areas worldwide. Water extract of *J. mimosifolia* shows higher antimicrobial action in vitro against *Bacillus cereus* and *Escherichia coli* (Rojas *et al.*, 2006). Wood is used for turnery and bowl carving.

Part	Uses
Bark	Antibacterial activity
Leaves and seeds	Diarrhoea and dysentery

**References:**

- Rojas J, Ochoa V, Ocampo S, Muñoz, J; (2006) "Screening for antimicrobial activity of ten medicinal plants used in Colombian folkloric medicine: A possible alternative in the treatment of non-nosocomial infections". *Complementary and Alternative Medicine*. **6**: 2:10.1186/1472-6882-6-2.
- Sidjui L.S, Toghueo R.M.K, Zeuko E.M, Mbouna C.D.J, Mahiou-Leddé V, Herbette G, Fekam F.B, Ollivier E, Folefoc G.N; (2016) Antibacterial activity of the crude extracts, fractions and compounds from the stem barks of *Jacaranda mimosifolia* and *Kigelia africana* (Bignoniaceae). *Pharmacologia*, **7**, 22-31.
- Rana A, Bhangalia S, Singh H.P; (2013) A new phenylethanoid glucoside from *Jacaranda mimosifolia*. *Natural product research*, **27**.13, 1167-1173.