



**KKTU Government College**  
KODUNGALLUR KUNJIKUTAN THAMPURAN MEMORIAL GOVERNMENT COLLEGE

*Leucaena leucocephala* (Lam.) de Wit

**Family:** Fabaceae

**Common name:** Lead tree

**Vernacular name:** സുബാബുൽ

**Nativity:** Mexico, Belize, Guatemala

**Habit:** Tree

**Habitat:** Terrestrial

**IUCN Status:** Least Concerned

**Keynotes:** *Leucaena leucocephala* is an allelopathic tree. Phytotoxic allelochemicals, such as mimosine and certain phenolic compounds, including p-hydroxycinnamic acid, protocatechuic acid, and gallic acid, have been identified in the leaves of the species. Bioherbicidal activity of *L. leucocephala* on terrestrial plants and aquatic weed water hyacinth were reported.

**Uses:** The legume provides an excellent source of high-protein cattle fodder. However, the fodder contains mimosine, a toxic amino acid. Horses and donkeys which are fed it lose their hair.



## References

<https://powo.science.kew.org/>

<https://sites.google.com/view/campusflora/home?authuser=0>

<https://www.wikipedia.org/>

**HINT: SWITCH ON DESKTOP SITE IN CHROME**