

Neem

Azadirachta indica

Order:
Sapindales

Family:
Meliaceae

Genus:
Azadirachta

Species:
A. indica



MORPHOLOGY

- Fast growing, evergreen tree.
- Opposite pinnate leaves, short petiole.
- Flowers arranged in drooping axillary panicles.
- Fruit is glabrous drupe.

USES

Use in Tradition System Of Medicine:

- Skin trouble.
- Rheumatism.

CHEMICAL COMPOSITION

- Azadirachtin
- Polyphenols
- Triterpene

MEDICINAL PROPERTIES

- Immunomodulatory
- Anti-inflammatory
- Antihyperglycemic
- Antiulcer
- Antifungal
- Antibacterial
- Antiviral
- Antioxidant
- Antimutagenic

ACTIVE PHYTOCHEMICALS

- Azadirachtin
- Polyphenols
- Triterpene

REFERENCES

- Alzohairy, M. A. (2016). Therapeutics role of *Azadirachta indica* (Neem) and their active constituents in diseases prevention and treatment. Evidence-Based Complementary and Alternative Medicine.
- Islas, J. F., Acosta, E., Zuca, G., Delgado-Gallegos, J. L., Moreno-Treviño, M. G., Escalante, B., & Moreno-Cuevas, J. E. (2020). An overview of Neem (*Azadirachta indica*) and its potential impact on health. Journal of Functional Foods, 74, 104171.