

Royal teak/ Sagaun

Botanical Name: *Tectona grandis*

Family: Verbenaceae

Common Name: Teak

Hindi Name: शाही सागौन

Part Used: Bark, Leaves, wood's scented oil

Tectona grandis is a large deciduous tree up to 40 m (131 ft) tall with grey to greyish-brown branches, known for its high-quality wood. Its leaves are ovate-elliptic to ovate, 15–45 cm (5.9–17.7 in) long by 8–23 cm (3.1–9.1 in) wide, and are held on robust petioles which are 2–4 cm (0.8–1.6 in) long. Leaf margins are entire. The Sagwan tree, scientifically known as *Tectona grandis*, is native to South and Southeast Asia, primarily India, Indonesia, Myanmar, Thailand, and Laos. It's a valuable tree, providing timber for various uses, and has been naturalized and cultivated in many countries in Africa and the Caribbean. India is one of the largest producers of Sagwan and it is found in the states like Kerala, Karnataka, Tamil Nadu, and central India. The "royal tree" or Sagwan (Teak, *Tectona grandis*) is a highly valued tree due to its exceptional timber qualities and environmental benefits. Its wood is prized for durability, resistance to decay and pests, and attractive appearance, making it suitable for various applications, including furniture, construction, and shipbuilding. Sagwan also plays a vital role in ecosystem health, providing habitat for wildlife, improving soil quality, and helping to prevent soil erosion. The Sagwan tree, also known as Teak, possesses various medicinal properties. Its leaves, bark, roots, and oil have been used traditionally for treating skin conditions, digestive issues, headaches, respiratory problems, and wound healing. The bark, leaves, and seeds have been used in traditional medicine for various ailments, including joint pain, parasitic infections, and skin disorders. It is also used in anti-fungal, anti-bacterial, anti-oxidant, anti-inflammatory, analgesic, wound healing, anti-pyretic, nephroprotective, tocolytic, cytotoxic, diuretic, piles, leucoderma, dysentery, oil for hair growth and soothing skin, and itching.