



<b>Official Name</b>	अशोक		
<b>English Name</b>	<b>Ashoka Tree</b>		
<b>Botanical Name</b>	<u>Saraca asoca (Roxb.) Willd.</u>		
<b>Family</b>	Fabaceae (Leguminosae)		
<b>Taxonomical classification</b>	Kingdom- Plantae SubKingdom- Tracheobionta Superdivision- Angiosperms Division- Angiosperms Class- eudicots Subclass- Rosidae Order- Fabales Family- Fabaceae Genus- saraca Species- asoca		
<b>Synonyms</b>	Jonesia asoca Roxb.  Saraca indica		
<b>Habitat</b>	It is an evergreen, medium-sized tree that grows up to 7–10 meters tall.  It has a spreading crown with compound, pinnate leaves that are dark green and glossy.  Flowers are bright orange-red, fragrant, and grow in dense clusters.  The fruits are flat, oblong pods that turn dark brown when mature.		
<b>Botanical Identification</b>			

	<b>Root</b>	The Ashoka plant has a taproot system with well-developed lateral roots that help in soil stabilization.	
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	<b>Stem/Bark</b>	Woody, erect, and branched. Smooth with a brownish-grey bark.	
	<b>Leaves</b>	<b>Phyllotaxy</b>	
		<b>Simple/Compound</b>	Simple
		<b>Lamina</b>	Elliptic-ovate
		<b>Texture</b>	Hairy , Gray sheen
		<b>Tip</b>	Acute - mucronate
		<b>Base</b>	Basic cuneate
		<b>Margins</b>	Serrate
		<b>Venation</b>	Pinnate
	<b>Petiole</b>	Present (5-20mm long)	
	<b>Inflorescence</b>	Dense corymbose clusters (terminal and axillary). Color: Initially yellowish-orange, turning to deep red upon maturity.	
	<b>Flower</b>	Complete, bisexual, zygomorphic.  Calyx: 4 sepals, petaloid, bright orange or red.  Corolla: Absent (petals are not distinct).  Androecium: 6–8 stamens, long and exerted.  Gynoecium: Superior ovary, unicarpellary, with a long style.	

	<b>Floral formula/ Diagram</b>		$\text{♂ K(4-5) C(4-5) A10 G(1)}$	
	<b>Fruit</b>		Flat, oblong, dehiscent pod (legume).	
<b>Types</b>	<p><b>असली अशोक (Saraca asoca)</b>  परिचय: यह वही पारंपरिक अशोक वृक्ष है, जिसका आयुर्वेद और धार्मिक ग्रंथों में उल्लेख मिलता है।</p> <p><b>छद्म अशोक (Polyalthia longifolia) (False Ashoka / Mast Tree)</b>  परिचय: यह अशोक वृक्ष का वास्तविक प्रकार नहीं है, लेकिन इसे आमतौर पर सजावटी पौधे के रूप में उगाया जाता है।</p>			
<b>Raspanchaka</b>	<ul style="list-style-type: none"> <li>• रस- कषाय , तिक्त</li> <li>• गुण- लघु, रुक्ष</li> <li>• वीर्य- शीत</li> <li>• विपाक- कटु</li> <li>• दोषकर्म- रक्तशोधक</li> </ul>			
<b>Class of Constituents</b>			<b>Compounds present in class</b>	

<b>Chemical Constituents in Ashwgandha</b>	<p><b>Alkaloids</b></p> <p><b>Withanolides</b></p> <p><b>Flavonoids</b></p> <p><b>Other constituents</b></p>	<p>Alkaloids, flavonoids, tannins, Saponins, glycosides</p> <p>Withaferin A, Withanolides A-Y, Withanone, Withadomniferin A, and Withasomniferols.</p> <p>3-O-rutinoside, 6,8-dihydroxyceferol, Quercetin, and 3-O-rutinoside-7-O-glucoside.</p> <ul style="list-style-type: none"> <li>• Steroidal lactones</li> <li>• Saponins</li> <li>• Sitoindoside VII, VIII, IX and X</li> <li>• Phenolic compounds.</li> </ul>
<b>Market Information</b>	The bark of the Ashoka tree is extensively used in Ayurvedic formulations, particularly for treating gynecological disorders. This has led to a substantial demand in the herbal medicine industry.	
<b>Adulteration/Substitution</b>	: Polyalthia longifolia (False Ashoka / Mast Tree) : Tamarindus indica (Tamarind Tree Bark)	
<b>Cultivation</b>		
<b>Flowering season</b>	The flowering season of the Ashoka plant (Saraca asoca) is from February to April	
<b>Harvesting</b>		
<b>Present status- Not concerned/Endangered/Extinct</b>	Endangered	
<b>Conservation method</b>	organic cultivation, hydroponic cultivation, and biotechnological strategies.	
<b>Main uses</b>	<ul style="list-style-type: none"> <li>• बल्य, बृंहण, शुक्रल तथा रसायन है।</li> </ul>	
<b>Part used</b>	मूल	
<b>Dose</b>	Medicinal	क्षार 1-2 ग्राम, चूर्ण 3-6 ग्राम।
	Toxic Dose	Nil
	Fatal Dose	Nil
<b>Antidote or Treatment</b>	Nil	
<b>Purification (if any)</b>	Nil	
<b>Formulations :</b> अश्वगंधारिष्ट, अश्वगंधावलेह।	<b>Rogadhikara:</b> स्त्रीरोग, गर्भविकार, त्वचारोग	<b>Reference:</b> <ul style="list-style-type: none"> <li>• भैषज्य रत्नावली</li> <li>• भा.प्र.उ.७३/१३</li> </ul>

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