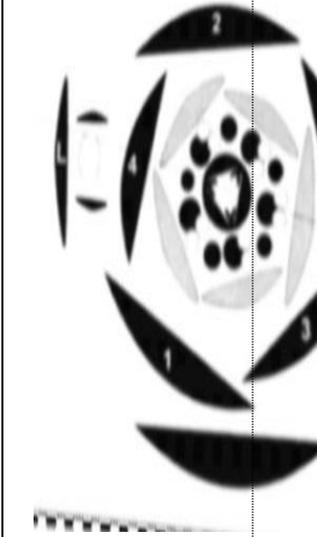


<b>Official Name</b>	शिशु		
<b>English Name</b>	Drum stick tree		
<b>Botanical Name</b>	<u>Moringa oleifera</u>		
<b>Family</b>	Moringaceae		
<b>Taxonomical classification</b>	Kingdom- Plantae SubKingdom- Tracheobionta Superdivision- Spermatophyta Division- Magnoliophyta Class- Magnoliopsida Subclass- Dillenidae Order- Capparales Family- Moringaceae Genus- Moringa Species- oleifera		
<b>Synonyms</b>	तीक्ष्णगन्धा, मोचक, अक्षीव, शोभान्जन		
<b>Habitat</b>	Native to sub himalayan region, in the north of the India, Pakistan, Africa, Moringa, grows in tropical - sub tropical and semi arid area		
<b>Botanical Identification</b>	<b>Habitat</b>	moringa tree is grown mainly in semiarid, tropical and sub tropical areas.	
	<b>Root</b>	It has deep tap root and wide spreading system of lateral roots, Tap root is swollen, tuberos and white. It has pungent odour.	

	<b>Type:-</b>  <b>Stem/Bark</b>	Whitish grey thick and cartas.	
	<b>Leaves</b>	<b>Phyllotaxy</b> Alternate <b>Simple/Compound</b> Compound <b>Lamina</b> Bipinnate <b>Texture</b> Fine <b>Tip</b> Elliptical to obovate <b>Base</b> Elliptical <b>Margins</b> Entire <b>Venation</b> Reticulate <b>Petiole</b> Present (5-8mm long)	
	<b>Inflorescence</b>	A widely spreading's panicle. Bracteates, 10-30cm, bracts linear-	
	<b>Flower</b>	The flowers are fragrant and hermaphroditic, surround by Five unequal, thinly veined, yellowish white petals. The flowers are about 1-1.6cm long .	
	<b>Floral formula/ Diagram</b>	<b>Br, ♀, K(5), C1+2+(2), A(5+5), G1</b>	

	<b>Fruit</b>		Capsule, 10 to 60 cm in length, often referred to and looking as a pod like drumstick. Twin brown at maturity	
	<p><b>भावप्रकाश निघण्टु अनुसार 2 types</b></p> <p>moringa olifera</p> <p>Moringa concanensis</p>			
<b>Raspanchaka</b>			<p>रस - कटु</p> <p>गुण - रुक्ष, तीक्ष्ण, सर, लघु</p> <p>विपाक - कटु</p> <p>वीर्य - उष्ण</p> <p>दोषकर्म - कफवातशामक</p>	
			<b>Class of Constituents</b>	

<b>Chemical Constituents in Ashwgandha</b>	<b>Alkaloids</b>  <b>Withanolides</b>  <b>Flavonoids</b>  <b>Other constituents</b>	X-alanine Aspartic acid Glutamic acid Valine Glycine Leucine  Glutamine Citric Acid Malonic acid Malic acid Fumaric acid Carotene
<b>Market Information</b>	Market inform -information :-  The global moringa marks around size USD 09.5 Billion in was 2022 W	
<b>Adulteration/Substitution</b>	Adulteration :-  Adding industrial dyes to change the appearance Adding Other Plant leaves & increase the Weight and decrease the Cost	
<b>Cultivation</b>	Moringa seeds can be found the may or July Oct in June-July at or in march-	
<b>Flowering season</b>	Once in spring and summer	
<b>Harvesting</b>	Once year after harvesting	
<b>Present status- Not concerned/Endangered/Extinct</b>	Not concerned	
<b>Conservation method</b>		
<b>Main uses</b>	वेदनाहर	
<b>Part used</b>	Leaves ; roots	

<b>Dose</b>		<b>Swarasa – 20-30ml , kwatha – 30-50ml</b>
		Nil
		Nil
<b>Antidote or Treatment</b>		Nil
<b>Purification (if any)</b>		Nil
<b>Formulations :</b> अश्वगंधारिष्ट, अश्वगंधावलेह।	<b>Rogadhikara:</b> अग्निमांद्य, शोथ, शूलहर	<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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