



Official Name		गुगुलु	
English Name		गुगल	
Botanical Name		<i>Commiphora wightii</i>	
Family		Burseraceae	
Taxonomical classification		Kingdom- Plantae Subkingdom- Tracheobionta Superdivision- Spermatophyta Division- Magnoliophyta Class- Magnoliophyta Subclass-Order-Sapindales Family- Burseraceae Genus- <i>Commiphora</i> Species- <i>wightii</i>	
Synonyms		Guggal, Indian Bedillium , Mukul Myrrh Tree, देवधुपु, म हषाक्ष , कौ शक	
Habitat		Native to eastern and southern Africa, <u>Aloe vera</u> grows wild in the tropics and now cultivated worldwide.	
	Habit	Found in arid and semi-arid regions of northwestern India	
	Root	It forms Taproot system	

Botanical			
Identification	Stem/Bark	Stem is knotty, gnarled and exudes a yellow resin (guggulu) when injured Bark is thin papery, silvery or ash-coloured easily exfoliating in flakes.	
	Leaves	Phyllotaxy	Alternate

	Simple/Compound	Simple	
	Lamina	Trifoliolate	
	Texture	Leathery	
	Tip	Rounded or acute	
	Base	Narrowed or cuneate	
	Margins	Entire	
	Venation	Reticulated venation	
	Petiole	Short , pulvinate	
Inflorescence		Axillary or terminal fascicled cymes.	
Flower		Color: Greenish -yellow or reddish Symmetry: Actinomorphic Bract: Bracteate Sepals: 4-5, united at base ,greenish,persistent Petals: 4-5,free ,ovate lanceolate, yellow or reddish	
Floral formula/ Diagram		Male: K4-5 C4-5 A8-10 G0 Female: K4-5 C4-5 G(2)	
		Drupes, ovoid or globose, reddish to	

	Fruit		blackish when mature, smooth, aromatic, one-seeded with sticky resin.	
Rasapanchaka	<ul style="list-style-type: none"> ● रस - तक्त, कटु ● गुण - लघु, उर अक्ष, तीक्ष्ण, सूक्ष्म ● वीर्य - उष्ण ● ववपाक - कटु ● दोषकय - गुग्गुलु उष्ण होने से वात का अमन करता है यह मेदोहर भी है और कफ का भी शमन करता है 			
Chemical Constituents in Aloe vera leaf		Class of constituents	Volatile oil, resin and gums. Guggul sterile, Z-guggul sterone, sesamine, cholesterol, mucolol and other steroids	

Conservation method		
Main Uses		तीक्ष्ण तरे चेचक, शोथहर, देना एक, द न, एक, रक्तशोधक
Part used		Gum resin
Dose	Medicinal Dose	<ul style="list-style-type: none"> • 2-3 gm
	Toxic Dose	Nil
	Fatal Dose	Nil
Antidote or treatment (if any)		Nil
Purification (if any)		Nil
Formulation		योगराज गुग्गुलु
Rogadhikara		Gout and Tumor, Skin issues
Reference		भैषज्य रत्नावली

