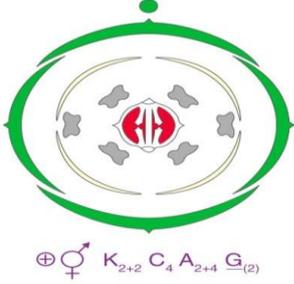




Official Name:-		Bilva
Botanical Name :-.		Aegle marmelos
Family :-		Rutaceae
Synonyms:-		Shalush Mahaphala Tripatra Gandhpatra Shriphala Sadaphala Goharitaki
Habitat :-		1. Available at all places. 2. At the height of 4000at hilly areas.
Botanic al Identific ation	Habit	
	Root	Tap root
		

Stem/Bark		12-15 m long , stocking with thick, spongy bark	
Leaves	Phyllotaxy	Alternate	
	Simple/Compound	Compound	
	Lamina		
	Texture	Slightly tough	
	Tip	Ovate	
	Base	Round	
	Margins	Serrate	
	Venation	Reticulate	
	Petiole	2-4 mm long	
Inflouescence		Axillary, terminal, racemose, 4-5cm long	
Flower		Bisexual , 1.5 -2 cm long , pale green yellowish unbranched dropped clusters at the end of twigs.	
Floral formula/ Diagram			
Fruit		Medium sized, 15-20 cm long, greenish yellow, Woody shell, 20 triangular segments.	
Seed			
Types:-		<ol style="list-style-type: none"> 1. Rampuri 2. Khamariya 	

		3. Aajamati 4. Kagaji gonda
Rasapanchaka:-		Rasa tikta,kshay Guna - laghu, ruksha Virya – ushna Vipaka- katu
Chemical Constituents:-		Flavonoids Phenolics Tanin Alkaloids
Market information:-		Bilva churna- Rs 240 Bilva gutika – Rs 150
Adulteration/Substitution:- Danti(Baliospermum montanum)		
Cultivation:-		June-July.
Flowering season:-		April
Harvesting:-		December – January
Present Status		Endangered
Conservation method:-		
Main Uses:-		वातहर शोधहर गर्भआशयशोधहर कृमिघ्न वेदनास्थापन
Part used:-		Root Bark Leaves
Dose	Medicinal Dose:-	Churna- 3-5 g Swarasa- 10- 20 kl Panak- 20 – 40 ml
	Toxic Dose:-	more than1000 mg / kg
	Fatal Dose:-	uncertain
Toxicity (if any) toxic constituent -		
Antidote or treatment (if any)-		
Purification (if any)		Extraction with methanol as solvent to extract catechins from the pulp of fruit
Formulations:-		Bilva kwath Bilva taila Bilva ghrit
Special information (if any)		It has high amount of polyphenols which show antioxidant and antidiabetic properties.