

**Plant Profile: *Aegle marmelos*
(Bael)**

Botanical Name	Aegle marmelos																		
Common Name	Bael																		
Classification	<table border="1"> <tr> <td>Kingdom:</td> <td>Plantae</td> </tr> <tr> <td>Subkingdom:</td> <td>Tracheobionta</td> </tr> <tr> <td>Division:</td> <td>Magnoliophyta</td> </tr> <tr> <td>Class:</td> <td>Magnoliopsida</td> </tr> <tr> <td>Subclass:</td> <td>Rosidae</td> </tr> <tr> <td>Order:</td> <td>Sapindales</td> </tr> <tr> <td>Family:</td> <td>Rutaceae</td> </tr> <tr> <td>Genus:</td> <td>Aegle</td> </tr> <tr> <td>Species:</td> <td>marmelos</td> </tr> </table>	Kingdom:	Plantae	Subkingdom:	Tracheobionta	Division:	Magnoliophyta	Class:	Magnoliopsida	Subclass:	Rosidae	Order:	Sapindales	Family:	Rutaceae	Genus:	Aegle	Species:	marmelos
Kingdom:	Plantae																		
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Division:	Magnoliophyta																		
Class:	Magnoliopsida																		
Subclass:	Rosidae																		
Order:	Sapindales																		
Family:	Rutaceae																		
Genus:	Aegle																		
Species:	marmelos																		
Part used	Fruit, root, bark, seeds, leaves, flowers																		
Medicinal Properties	Antibilious, antiparasitical, antipyretic, aphrodisiac, aromatic, alternative, astringent, digestive stimulant, febrifuge, hemostatic, laxative, nutritive, stomachic, stimulant, tonic. Fruits: cooling and laxative.																		
Medicinal Use	Diabetes, dyspepsia, chronic diarrhea, heart diseases, dysentery. Leaf: against peptic ulcers and respiratory disorders. Fruits: arrest secretion or bleeding, cure diahorrea and dysentery. Root: ear problems.																		
Chemistry	Beta-sitosterol(all parts); amino acids(fruits, leaves); dictamnine(pericarp, wood); marmesin(pericarp, bark, wood); marmin, umbelliferone(pericarp, bark); skimmianine(leaves, bark); carbohydrate, carotene, fat, tannins and vitamins; imperatorin (marmelosin) and its isomers, alloimperatorin and marmelide, psoralen and tannic acid(fruits); alpha-d-phellandrene(rind, leaf, oil);																		
Regional Habitat	Bael is suitable for dry forests on hills and plains of Rajasthan.																		

Description

A spinous, deciduous, aromatic tree, spines, straight, strong, axillary. It grows up to 18 meters tall and bears long thorns. Leaves: usually 3-foliolate, sometimes 5-foliolate; leaflets ovate-lanceolate, lateral sessile, terminal long-petioled. Flowers: borne in few-flowered, axillary panicles, greenish-white, sweet-scented. Fruits: large, upto 15 cm diameter, globose, ovoid or pyriform, 8-15 celled, rind grey or greyish-yellow, woody, pulp orange, sweet. Seeds: numerous in aromatic pulp, oblong, compressed, testa woolly and mucilaginous.

