

PHARMACOLOGICAL PROPERTIES AND MEDICINAL USES OF LATAKARANJ  
[CAESALPINIA CRISTA LINN.]: A REVIEW ARTICLEDr. Manisha Sharma\*<sup>1</sup>, Dr Omprakash Sharma<sup>2</sup> and Dr. Jagdish M. Onkar<sup>3</sup><sup>1</sup>PG Scholar Deptt of Dravyaguna.<sup>2</sup>Professor Deptt of Dravyaguna.<sup>3</sup>Associate Professor Deptt of Dravyaguna Sriganganagar College of Ayurvedic Science & Hospital, Tanta University, Sriganganagar – 335001, India.

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## ABSTRACT

*Caesalpinia Crista* of family Fabaceae is a moderately size deciduous tree, growing wild throughout the deciduous forest of India. It is popular in indigenous system of medicine like Ayurveda, Siddha, Unani and Homoeopathy. In the traditional system of medicine various plant parts such as leaves, stem, root, seed and oils are used as anthelmintic, febrifugal, periodic, tonic, and vesicant. They are used to treat colic, convulsions, leprosy, and palsy. The oil from the seeds is said to soften the skin and remove pimples. The bark is antiperiodic, rubefacient and to counteract toothache. The present review is therefore, an effort to give a detailed survey of the literature review on its pharmacological properties and medicinal uses of plant Lata karanj.

**KEYWORDS:** Pharmacological, Fabaceae, febrifugal, rubefacient, collyrium.

## INTRODUCTION

Latakaranj herbs has the great medicinal importance in ancient ayurveda. Medicinal plants continue to be an important therapeutic aid for alleviating the ailments of human kind. The search for eternal health and longevity and for remedies to relieve pain and discomfort drove early man to explore his immediate natural surroundings and led to the use of many plants, animal products, and minerals, etc. and the development of a variety of therapeutic agents. Today, there is a renewed interest in traditional medicine and an increasing demand for more drugs from plant sources. This revival of interest in plant-derived drugs is mainly due to the current widespread belief that “green medicine” is safe and more dependable than the costly synthetic drugs, many of which have adverse side effects..Sothhara is considered as one of the most potent quality of the drug along with jwaragana.

## Botanical Description

*Caesalpinia Crista* of family Fabaceae is a prickly shrub or woody vine reaching a length of 10 m or more also known as Sagargoti (Marathi). Leaves are bi-pinnate, often nearly 1 m long, with the rachis armed with stout, sharp, recurved spines. The leaflets also number 10 pairs and are oblong, 2 to 5 cm long and somewhat hairy. The Flowers are yellow, borne in axillary, simple or paniced raceme and about 1 cm long. The fruits are pods, oblong 5 to 7 cm in length, inflated and covered with slender

spines and contain one or two seeds. The seeds are large, somewhat rounded or ovoid, hairy, grey and shiny.

## Scientific classification-

**Kingdom** –Plantae**Phylum:** Magnoliophyta**Class:** Angiospermae**Order:** Fabales**Family:** Fabaceae**Genus:** *Caesalpinia*

## Vernacular name

**English name:** Teri pods, Fever nut.**Hindi:** Katuk Ranja, Karanjava.**Marathi:** Sagargoti, Gajra, kanchak.**Sanskrit:** Putrakaranj.**Gujarati:** Kanchaki, Kankachia.**Bengali:** Lata Karancha.**Kannad:** Gujugu, Gaduggu.**Tamil:** Kalarkodi, Kalichikai.**Telugu:** Guchepikka Kachkai, Gachakaya.

## Sanskrit synonyms

Kantaki karanja, Latakaranj, Karanji

## Botanical distribution

The plant grows all over India especially in sea coast and in many forests and hills. It is frequently found around

the marshy land, plain land. The Plant is a prickly shrub or woody vine reaching a length of 10 m.in height.

### Pharmacological properties

Ras – Tikta, Kashaya

Guna – Laghu, Ruksha

Virya – Ushna

Vipaka – Katu

Karma – Vishamjwaraghan, tridosahar, varanropana, sothahar.

### Medicinal uses

- It is very useful in treating skin diseases.
- It has properties which can detoxify the vagina and treat uterine disorders.
- Used in treating piles and haemorrhoids.
- The fruits of Lata karanj is used to treat diabetes.
- It can relieve worm infestation and aids quick wound healing.
- The leaves of Latakaranj can relieve inflammation, diarrhea and constipation.
- The Oil of Latakaranj helps to reduce boils, abscess
- It also relieves pain and inflammation caused due to open wounds and burns.
- Used to treat gout and syphills.

**Useful part-** Root bark, leaf, seeds.

### Dosage

Bijamajjachoran Powder -5 to 20 gm in divided doses per day.

Patraswarasa- 10 to 20ml.

Moolachoorana- 10 to 15gm in divided doses per day.

### Important preparations

1. Visamajwaraghnavati- helps in jwara specially visham jwara.
2. Kuberksatailahelps in Rheumatoid arthritis and osteoarthritis for external application.

### Chemical constitutes

Bonbucin, Sitosterol, Phytosterol, Heptocosanc.

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