

ERANDA (*Ricinus Communis*)



Basonym

Eranda is very efficacious drug in Vata vyadhi.

Family

Euphorbiaceae

Synonyms

- Urubaka
- Panchangula
- Vardhamana
- Vyadambaka
- Aamanda

Regional name

English – Castor plant

Hindi - Endi/Arand

Kannada – Haralu

Malayalam – Chittamanakku

Marathi – Erendi

Classification

Kingdom – Plantae

Class - Dicotyledons

Subclass – Monochlamydae

Order - Unisexules

Family - Euphorbiaceae

Genus - Ricinus

Species – communis



Habitat

Eranda plant is cultivated throughout India and also grows wild.

Varieties

Bh.Pr.Ni-

1. Sukla eranda
2. Rakta eranda

Ra.Ni –

1. Sweta eranda
2. Rakta eranda
3. Sthula eranda

Morphology

Habit- A tall glabrous annual shrub .

Stem – Erect, herbaceous above and woody below, cylindrical Branched, solid.

Leaf- Alternate, broad, palmately lobed and veined, lobes usually 7-8. simple, serrate , acute, gland dotted, green or reddish, petiolate with multicostate reticulate venation.

Inflorescence – A terminal raceme.

Flower- Monoecious, aptetalous, female flowers hypogynous, Bracteates, pedicellate and incomplete, male towards the lower portion of the inflorescence and female towards the upper portion.

Fruit- Globose along explosively dehiscent, 3- seeded capsule, 1-2 cm Long septicidally dehiscent or splitting into 3 two valved cocci.

Useful part

Mula(Root), Beeja(Seed) and Patra(Leaf).

Chemical composition

Ricinine, Albumin, Ricin, Octacosanol, Gallic acid, Lupeol, Sodium, Magnesium, Chloride, Nitrate, Iron, Aluminium, Manganese, Calcium, Rutin.

Rasaadi Panchak

Rasa – Madhura, Katu, Kasaya

Guna – Tiktsna, Guru, Snigdha

Vipaka – Madhura

Virya – Usna

Doshakarama

Tridosha Samaka- Vatahara due to its Usna virya and Madhura vipaka, Pittahara because of Madhura vipaka, Kaphahara due to its Usna virya.

Karma

Eranda Mula- Vrsya, Sulahara, Sothahara, Sirapida hara, Jwarahara, Anahahara, Kasanasaka, Kusthaghna.

Eranda Beeja- Bhedana, Sulahara, Dipana, Arsoghna, Udarapahara, Krmighna.

Eranda Patra – Krmighna, Mutradosahara, Bastisulahara.

Pharmacological Actions

Purgative, Stimulant.

Indication

Vatavyadhi (diseases of joint), aamavata (rheumatoid artharitis), Vrana (wound).

Formulation

Sr. No	Formulation	Indication
1	Eradataila	Katisula, Udarasula
2	Erandasaptakakwatha	Katisula, Stana sula
3	Erandaphalapayasa	Gradhrasi, katisula
4	Erandadikwatha	Gradrasi, Sula
5	Eranda	Medoroga

Research

Ricin toxin A chain (RTA) is the cytotoxic component of dimeric protein.

Having In vitro antioxidant and antibacterial activities.