

ARKA



BOTANICAL NAME: CALOTROPIS
GIGANTEA & CALATROPIS PROCERA

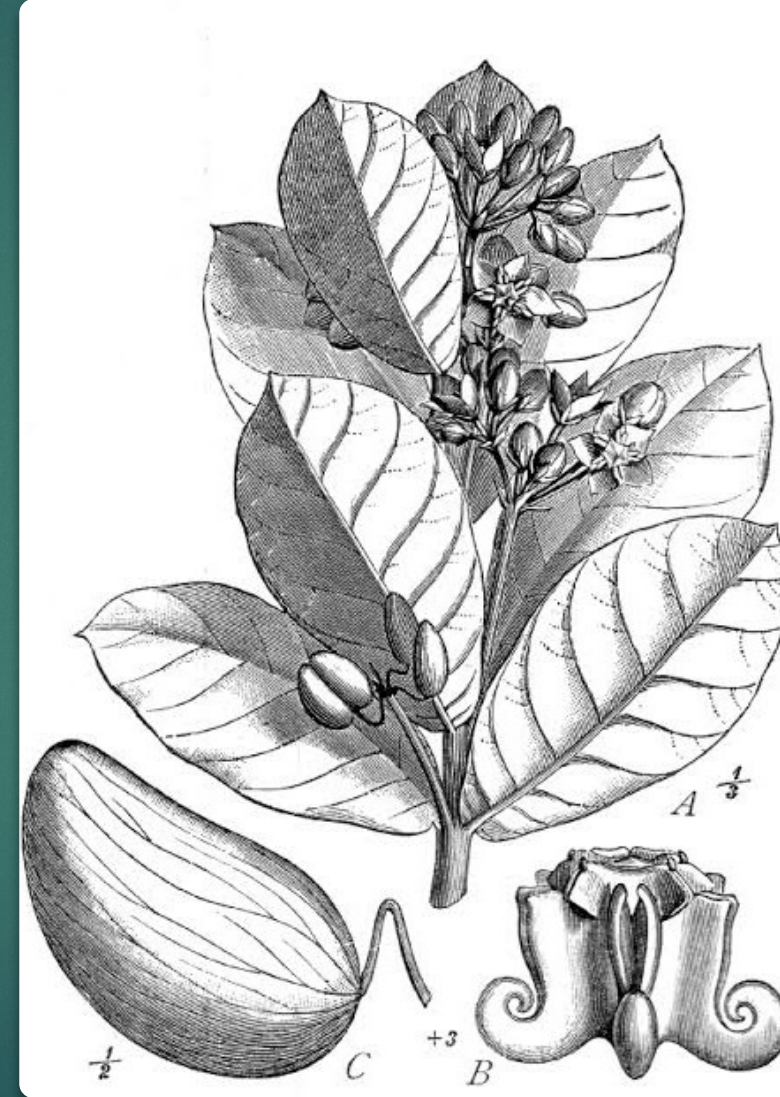
FAMILY NAME : ASCLEPIADACEAE



VERNACULAR NAMES: HINDI NAME:
MADARA KANNADA NAME: **EKKE**
GIDA

SANSKRIT NAME : **ARKA**
MALAYALM NAME: **ERRIKKE**

ENGLISH NAME: **CROWN**
FLOWER



SYNONYMS :
*KSHEERAPARNA
*SODOM APPLE
*MANDARA
* SADAPUSPHA



MORPHOLOGY:

SMALL SHRUB UPTO 3M HIGH WITH
YELLOWISH WHITE BARK

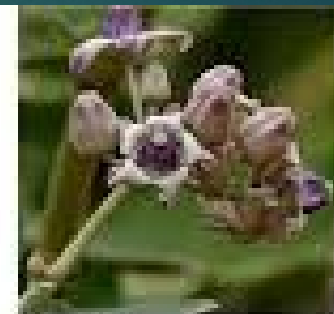
LEAVES : 10 TO 5CM LONG OPPOSITE,
OVATE

FRUIT

FLOWERS: WHITE
,PURPLE,
UMBELLIFERS,



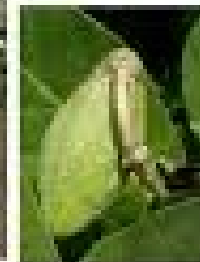
Plant



Inflorescence



Flower



Fruit



Leaf



Seeds

HABITAT:

- ▶ FOUND ALL OVER INDIA
- ▶ GROWS IN WARM AREAS
- ▶ ROADSIDE AND IN SAND DUNES
- ▶ RUBBISH HEAPS

▶ PART USED:

- ▶ ROOT BARK, FLOWER, LEAF, LATEX



RASA PANCHAKA:

► RASA : KATU ,TIKTA

GUNA: LAGHU

: KATU

VEERYA: USHNA

KARMA :

VATAHARA ,
RECHANA,VISHAGHNA,DIPANA



INDICATIONS

VISHA

ROGA ,VISARPA ,UDARA,GULMA,KRIMI,KANDU,ARSAS,P
LEEHA ROGAS

FORMULATIONS:

ARKA LAVANA , ARKA VATI ,ARKA TAILA ,
MAHAVISHAGARBA TAILAM, SHANKA VATI
MARICHADI TAILAM

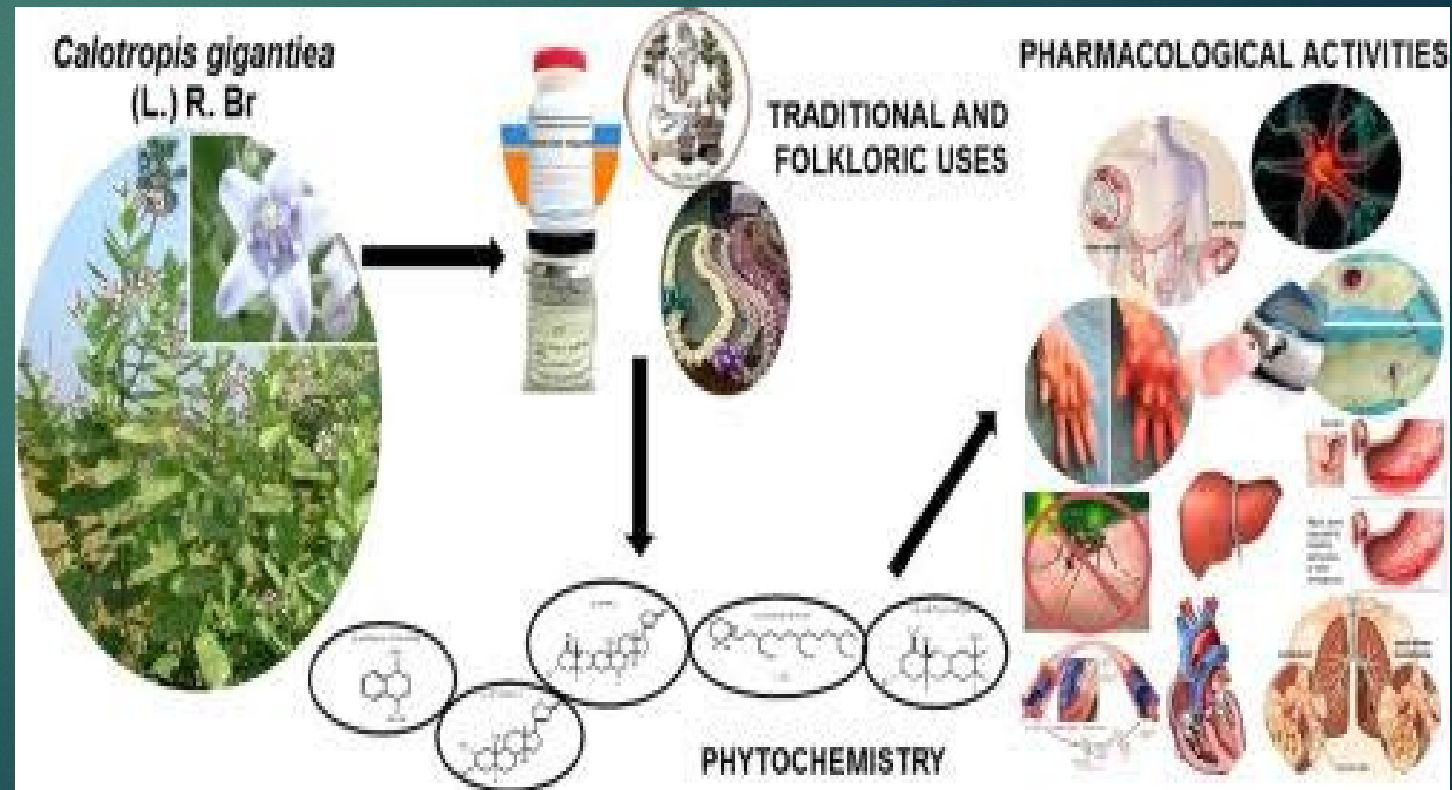


ARKA THERAPEUTIC USES:

- ▶ **SNAKE BITES** : ARKA LEAVES ARE GIVEN TO CHEW
- LOOTA VISHA** : SIREESHA BEEJA IS
DONE BHAVANA WITH ARKA KSHEERA 3
TIMES MIXED WITH PIPPALI CHOORNA AND
GIVEN LEPA PANA NASAYA AND ANJANA

CHEMICAL COMPOSITION :

- ▶ CALOTOXIN
- ▶ USCHARIN
- ▶ CALACTIN
- ▶ GIGANTIN



ARKA KSHEERA SHODANA

- ▶ ARKA KSHEERA IS TRITURATED WITH CHINCHA PATRA SAWARA
- ▶ ROOT OF ARKA IS IMMERSED IN COLD WATER FOR 3 DAYS THEN DRIED UNDER SUN AND CAN BE USED



FATAL DOSE :UNCERTAIN

FATAL PERIOD: 30 MIN -
8Hrs



TOXIC SYMPTOMS:

LOCAL ACTION

- ▶ SKIN CONTACT:
ARKA JUICE PRODUCES
REDNESS & INFLAMATION
- ▶ EYE CONTACT:
SEVERE CONJUNCTIVITES
OR BLINDNESS

SYSTEMATIC ACTION

WHEN TAKEN INTERNALLY
DUE TO ITS BITTER TASTE
THERE WILL BE BURNING
PAIN IN THORAT & STOMACH
FOLLOWED BY
SALIVATION ,STOMATITIS,VO
MITING, DIARRHEA

TREATMENT:

▶ ACCORDING TO CLASSICS:

- INTAKE OF TRVRT WITH SAINDHAVA
- INTAKE OF CURRY LEAVES WITH TAKR
- INTAKE OF COMBINATION WITH HARIDRA ,SAINDAVA,GRITHA &MADHU
- STOMACH WASH {MODERN}



R_x Patient Name: _____
Address: _____

Prescription:

Refill 0 1 2 3 4 5 Label ☐
Signature: _____ Date: _____

POST MORTEM APPEARANCE :

- ▶ FROTH AT NOSTRIL ,DILATED PUPIL,STOMATITIS,AND INFLAMMATORY CHANGES OF GIT WITH ULCERATION,
- ▶ STOMACH MAY SHOW PERFORATION
- ▶ ALL VISCERAL ORGANS INCLUDING BRAIN SHOWS CONGESTION
- ▶ HEART WILL BE EMPTY
- ▶ BLOOD DISCHARGE IN MOUTH

MEDICO LEGAL IMPORTANCE

- ▶ CATTLE POISONING
- ▶ ABORTIFICANTS
- ▶ INFANT HOMICIDE
- ▶ ARROW POISONING



