

**BOTANICAL NAME** :- *Carica papaya*  
**FAMILY** :-Caricaceae  
**LOCAL NAME** :- Soh Kynphor  
**HINDI NAME** :- Papita.



#### **HABITS AND HABITATS :-**

A tree native to west Indies and central America now cultivated in most part of India.

#### **PLANTS DESCRIPTION:-**

A soft tree about 20 to 30 feet long, without branches. Leaves are alternate, palmate, 7 – partite. Flower consists of male and female flower. Male flower are axillary on compound panicles or racemes, female on simple racemes. Flower is yellowish white in colour. Plant produces milky latex. Fruit is succulent, oblong and furrowed.

#### **PARTS USED:-**

Whole plant.

#### **MEDICINAL PROPERTIES AND USES:-**

Ripe fruit is stomachic, digestive, carminative diuretic and used for bleeding piles, hematemesis, dysentery and chronic diarrhea. Juice of the seed is administered in enlarged liver and spleen and in bleeding piles/

#### **CHEMICAL COMPOSITION:-**

Papain, carpaine, pseudo carpaine and carposmine are reported from the plant.

#### **PRODUCTION TECHNOLOGY:-**

It is cultivated in rich moist soil in sun and high humidity. Red spider mite, aphid, and whitefly may damage plants under grass. Propagated by seed sown in spring at 24°-30C (75-85F) . Leaves are picked as required. Seeds are taken from ripe fruits and used fresh. Papain is extracted mainly from unripe fruits and from sap, which is collected from incisions in bark, and dried to a powder for medicinal and industrial uses.