

BOTANICAL NAME :- **Croton**
FAMILY :- **Euphorbiaccae**
LOCAL NAME :-
HINDI NAME :- **Jayapaala**



HABITS AND HABITATS :-

Small tree or shrub, native to South –East Asia. Now cultivated in Assam, Bengal and south India.

PLANTS DESCRIPTION :-

Small tree with few spreading branches. Leaves are alternate, ovate-oblong, smooth, acuminate, 3-5 nerved at the base, curved with young minute stellate hair. Petioles are channeled. Flower is small, downy, greenish yellow and flowering in month of April to June. Upper flowers males, lower is female.

PARTS USED :-

Croton oil, seed.

MEDICINAL PROPERTIES AND USES :-

The plant is cathartic, rube facient, irritant. It is used in ascites, anasarca, dropsy and enlargement of abdominal viscera. But higher level of croton is tonic and promote tumour.

CHEMICAL COMPOSITION:-

Croton, diterpene ester of the tiglane type (phorbol esters) have been isolated from the seeds.

PRODUCTION TECHNOLOGY :-

Cultivated in damp soil in partial shade. Cut back in early spring to control growth. Propagated by seed sown in spring. Seeds are collected when ripe and used whole or crushed for oil extraction or use in pills.