

Botanic name : *Croton bonplandianus* L.

Common name : Ban-tuisi , kala bhangra

Family : Euphorbiaceae

Habitat : Around the canal, river banks, big drainage, waste lands

Distribution : Gangetic West Bengal, pan Indian

Description : Annual herb with watery latex, leaves alternate, lance shaped, toothed margin ; flowers in raceme, white; fruit oblong capsule, warty surface

Phytochemicals: alkaloids, flavonoids, steroids, tannins and cardiac glycosides

Medicinal/Economic uses : Leaf paste is used to heal lesions, purgative, skin disease, bronchites and asthma, biofuel, detergent (stem & branches). People use it as both fuel and detergent. First the stems and branches are used as fuel and afterwards the ash is collected and kept in a bottle for 5-6 days. Then the ash is put in warm water and used as a detergents for cleaning cotton garments. contents 40% of essential fatty acids (linoleic acid, linolenic acid, palmitic acid etc.). seeds used for jaundice, constipation and abdominal dropsy