

BOTANICAL NAME	:-	DATURA
		Datura metel
FAMILY	:-	Solanaceal
LOCAL NAME	:-	Tiew Shulim lieh
HINDI NAME	:-	



HABITS AND HABITATS :-

A herbaceous annual plants , distributed throughout Indian, often met with on wasteland, roadside and garden.

PLANTS DESCRIPTION :-

This is an erect annual herb or under shrub, reaches a height of 1.5 meters. Flower is whitish coloured, trumpet shaped and corolla is 5-angled. The flower produce pleasant aroma about 20-30 cm in size. The leaves are simple broad and cordate shaped.

PARTS USED :-

Seeds, leaves and tender bark.

MEDICINAL PROPERTIES AND USES :-

Seed are used externally as ointment for sinusitis. Juice of the leaves along with Neem and beetle leaves are used for eczema and ringworm. Bark and flower are used for boil and eruption. The plants are found effective against chronic bronchitis and Asthma. The seed extract is used for head massage in alopecia falling hairs and cutaneous affective of the scalps.

CHEMICAL COMPOSITION:-

Two principal alkaloids, Hyoscine and Atropine /Hyoscyamine were found in all parts of the plant.

PRODUCTION TECHNOLOGY :-

Cultivated in rich, light soil in sun. Subject to statutory control as a weed in some countries. Propagated by seed sown in spring at 16° C. Leaves and flowering tops are collected in summer, and seeds in autumn, for commercial extraction of alkaloids or use in anti- asthmatic smoking mixtures, liquid extracts, powders, and tinctures.