

BOTANICAL NAME :- *Castanea sativa*
FAMILY :- Fagaceae.
LOCAL NAME :-
HINDI NAME :- Singhara.



HABITS AND HABITATS :-

Tree usually distributed in Darjeeling, Khasi hills, Punjab and Himachal Pradesh.

PLANTS DESCRIPTION :-

The tree grows erect and firmly with a columnar trunk. Leaves are narrow, large and glossy, somewhat leathery in texture, 7 to 9 inches in length, tapering to a point at each end, alternately arranged on the twig and turn from green to golden yellow colour in late autumn. Flowers are arranged in long catkins of two kinds, male and female.

PARTS USED :-

Leaves, nuts.

MEDICINAL PROPERTIES AND USES :-

Leaves are astringent, anti-tussive and febrifuge and used for fever and respiratory tract diseases. Infusions are used as a gargle in pharyngitis and whooping cough. Nuts are used as platelet inhibitors in thrombosis and atherosclerosis.

CHEMICAL COMPOSITION:-

Leaves contain tannin, flavone glycoside, triperphenols, ursolic acid, lupeol and betulin.

PRODUCTION TECHNOLOGY:-

It is cultivated in well-drained to dry soil in sun. Propagated by seed sown when ripe. Twigs are picked all year round and used fresh within 24 hours.