

## CANNABIS (MARIJUANA)

<b>BOTANICAL NAME</b>	<b>:- Cannabis sativa</b>
<b>FAMILY</b>	<b>:- Cannabinaceae</b>
<b>LOCAL NAME</b>	<b>:- Ganja</b>
<b>HINDI NAME</b>	<b>:- Ganja</b>



### HABITS AND HABITATS :-

A tall annual herb, cultivated all over India, also found wild on the Himalayan from Kashmir to soil of Meghalaya.

### PLANTS DESCRIPTION :-

The plant is a mono-specific genus i.e. male and female plant is different. The plant attains the height of 5m. The leaves are long, narrow, margin alike tooth, with several leaflets and arranged in stem alternately. Male and female flowers are borne on different plants. The dried flowering top of female is used as '*ganja*' the addictive substance.

### PARTS USED :-

Leaf.

### MEDICINAL PROPERTIES AND USES:-

The 'Indian Hemp' has remarkable hallucinatory property. Over dose is as poison to the brain. The leaf mixed with tobacco is used to treat Asthma, haemorrhages, and tetanus. This is also used to treat depression bladder inflammation, gonorrhoea and nervous disorder.

### CHEMICAL COMPOSITION:-

Plants contain over 60 alkaloids of different types of cannabinoids, of which 9- tetra- hydrocannabinol (THC) is the chief active agent. It also contains beta- caryophyllenes, humulene, caryophyllene oxide, alpha- and beta- pinenes, limonene, myrcene, beta-ocimene.

### PRODUCTION TECHNOLOGY:-

Cultivation, harvesting, and processing of Cannabis plants are subject to legal restrictions in many countries. Approved varieties for fiber (hemp) production, with no to low narcotic content, are permitted by license in producer countries. Subject to statutory control as a weed in some countries, notably in various parts of Australia.