

<b>ALNUS MILL</b>		
<b>BOTANICAL NAME</b>	<b>:-</b>	<b>Alnus serrulate</b>
<b>FAMILY</b>	<b>:-</b>	<b>Betulaceae</b>
<b>LOCAL NAME</b>	<b>:-</b>	<b>DiengShanlang</b>
<b>HINDI NAME</b>	<b>:-</b>	



#### **HABITS AND HABITATS :-**

It is a native to North temperate region of Indo-China. Commonly called Hazel Alder. Swampy and coastal areas are suitable for growing of these plants.

#### **PLANTS DESCRIPTION :-**

It is a small tree upto 9 m height. Bark of this plant is aromatic, smooth and grayish in colour. Leaves are oval, leathery, margins toothed upto 4.5 cm long. Flower are catkins.

#### **PARTS USED:-**

Bark

#### **MEDICINAL PROPERTIES AND USES :-**

Stem bark are medicinal. The tea made from bark is a blood purifier and used to treat diarrhea. Decoction of bark is useful to treat syphilis and malaria, while a decoction of catkins is used in bloody urine. Dried bark steeped in water is used to cure eyes infection. The bark is also used to treat wounds and skin ulcers.

#### **CHEMICAL COMPOSITION:-**

#### **PRODUCTION TECHNOLOGY :-**

Sun to partial shade; range of soil types (moist, dry, poor). Prefers a heavy soil and a damp situation. Grows well in heavy clay soils. Tolerates very infertile site. Requires a position in full sun, dying out when shaded by taller trees. A fast-growing but short-lived tree. The plant is propagated by seeds. The seed should germinate in the spring as the weather warms up. If growth is sufficient, it is possible to plant them out into their permanent positions in the summer, otherwise keep them in pots outdoors