



***Chrysopogon zizanioides* (L.) Roberty**

**Family:** Poaceae

**Common names:** Vetiver grass, Khus



**Description:**

*Vetiver zizanioides* is a grass plant growing close together and goes up to 150 cm. The stems and leaves are long, thin, and rather rigid. The Leaves can grow up to 150 cm long. Flowers are in loose clusters and are 15-30 cm long. Small inflorescences are in pairs and having three stamens. *Vetiver's* roots grow downward, 2 m to 4 m in depth (Truong *et al.*, 2008).

**Utilization:**

Several aspects of *vetiver* make it an excellent erosion control plant in warmer climates. Rows of plants oriented perpendicularly to the slope direction has used as semipermeable barriers that reduce the surface runoff, amount of infiltrated water increases and soil loss amount decreases (Wakindiki and Ben-Hur, 2002). The leaves of vetiver are a useful by-product to feed cattle, goats, sheep and horses. It has fungicides and anti-inflammatory properties. It is used in herbal skin care. Mixed in sorbets and beverages as a flavouring agent, *vetiver* oil has an aphrodisiac effect. (Dhirendra and Nikhil, 2016). Vetiver has been used in traditional medicine in South Asia, Southeast Asia and West Africa (John axe, 2003).

Part	Uses
Fresh root paste	Burn, snakebite and scorpion sting, headache
Root decoction	Weakness
Stem decoction	Urinary tract infection
leaf juice	anthelmintic

**References:**

Truong P, Tan Van T, Pinnars E; (2008) Vetiver Systems Application, Technical Reference Manual. The Vetiver Network International. p.89.

Wakindiki I.C, Ben-Hur M; (2002) Soil mineralogy and texture effects on crust micromorphology, infiltration, and erosion. Soil Science Society of America Journal 66, 897–905.

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John axe; (2003) "The king's medicine cabinet" online book.

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