

# *Cyperus rotundus* Linn.

**Family** : Cyperaceae

**Group** : Anti hypertensive, Anti-arthritic/anti-rheumatic/anti-inflammatory, Stomach disorders/carminatives/laxative

**Parts Used** : Bulbous tuber

## **Vernacular Names**

English : Nut grass

Malayalam : Muthanga

Hindi : Nagarmotha

Sanskrit : Musta

Bengali : Motha

Gujarathi : Motha

Kannada : Tungegadde

Tamil : Kora

Telugu : Tungmuste



**Distribution and habitat:** Throughout India, common in waste grounds and gardens.

**Botany:** A small sedge, 10-16 cm in height; stolons slender, 10-12 cm, thickened in to black woody ovoid tuberous; aerial stem triquetrous at top.

• **Leaves:** Tristichous, long, finely acuminate, flat, one nerved, often overtopping the stem, 0.4-0.8 cm broad.

• **Inflorescence:** Umbels frequently compound, primary rays 5-20 cm.

**Properties:** Anti-inflammatory, antipyretic, analgesic

## **Chemical constituents:**

• Cyperene-1 and cyperene-2, cyperotundone from tubers.

• Cyperene,  $\beta$ -selinene, cyperenone, and  $\alpha$ -cyperone, from rhizomes.

• Essential oil contains mustakone.

• Root extract possessed tranquillizing activity. It showed antipyretic and anti-inflammatory activities.

**Formulations:** Mustharishtam, Mustakadi churnum

**Uses:** It is used in Diarrhea, dysentery, dyspepsia, vomiting, cholera, and fever. Root paste is applied to wounds, sores etc. and used in intestinal disease.

**Propagation:** Vegetatively by tuber.

