

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, β -selinene, cyperenone, and α -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.

