

**Botanic name :** *Panicum flavidum* Royle.

**Family:** Poaceae (Gramineae)

**Common name:** Yellow water crown grass

**Habitat:** Terrestrial

**Distribution:** It is found in Africa: western Indian ocean. Asia-temperate: Arabia, China, and eastern Asia. Asia-tropical: India, Indo-China, Malesia, and Papuaasia. Australasia

**Description:** perennial grass, spikes separated by 2-4 times their length, and spikelets (especially in fruit) spherical. Stems (culms) are tufted, slightly compressed. Leaf sheaths are strongly keeled, smooth. Leaves are linear-lance shaped, flat or folded. Rachis slightly winged, prolonged into a point. Spikelets are plumply ovate, gibbous, milk-white or purplish. Lower glume is broadly ovate; upper glume, 7-veined; lower lemma as long as spikelet, 5-veined; upper lemma bony, granulate.

**Phytochemicals:** Ferulic acid and chlorogenic acid, Caffeic acid and *p*-coumaric acid, Syringic acid

**Medicinal/Economic uses:** Mainly used as a fodder. Also as antioxidant, antiproliferative agent