

Sedge weeds control in tropical turf using sea water

ABSTRACT

Research was designed to reduce herbicide use by replacing post emergence herbicides with readily available sea water to control tropical weeds. Results showed that 5 species viz., *Cyperus compressus* L., *Cyperus iria* L., *Fimbristylis miliacea* Vahl., *Fimbristylis ovata* J. Kern. and *Scirpus juncooides* Roxb. were very susceptible and effectively controlled (100%) with 72 dS/m salinity treatment, but. 2 species viz. *Cyperus aromaticus* Ridley. and *Cyperus rotundus* L. were extremely tolerant to the salinity level of 72 dS/m.

Keyword: Sea water; Weed control; Sedges; Turfgrass