Screening Herbicides for the Control of Davallia denticulata

CHEONG YEW LOONG*, WENTRICHO MANULLANG, SAW ENG KEONG, OOI LING HOAK AND LIM TEONG KWEE

Genetic & Agriculture (G&A) Research Centre, PTMusim Mas, Desa Batang Kulim, Kecamatan Pangkalan Kuras, Kabupaten Pelalawan, Provinsi Riau

A weed control trial was carried out in an oil palm planting on peat soil to evaluate the efficacy of several herbicides against Davallia denticulata Resultsfrom 13 weeks' evaluation showed that tank-mix of 75 ml glufosinate ammonium 15% wlv plus 2.22 g saflufenacil 70% wlw in 10 L water, tank-mix of 50 ml triclopyr BEE 67.0% wlv plus 3 g saflufenacil 70% wlw in JO L water and tank-mix 15 g metsulfuron-methyl 20% wlw plus 4 g saflufenacil 70% wlw in IO L water were effective against the weed with more than 90 per cent control when the trial was terminated at the thirteenth week after treatment.

Keywords: Davallia denticulata, weed management, sajlufenacil.

