Supplementary

Effects of *Melaleuca cajuputi* leaf extract on inhibition of seed germination and seedling growth of 12 weed species

Pattarawadee Sumthong Nakmee[a,*], **Boonorm Chomtee**[b], Methee Juntaropakorn[a], **Supranee Ngamprasit**[c]

[a] *Department of Resources and Environment, Faculty of Science at Sriracha, Kasetsart University, Sriracha Campus, Chonburi 20230, Thailand*

[b] *Boonorm Chomtee, Department of Statistics, Faculty of Science, Kasetsart University, Bangkok, 10900, Thailand*

[c] *National Corn and Sorghum Research Center, Faculty of Agriculture, Kasetsart University, Nakhon Ratchasima 30320, Thailand*

Supplementary Tables

Table S1 Percentage inhibition of weed seed germination from Melaleuca cajuputi branch extract

Concentration (g)		*E. prostrata*	*B. alata*	*T. procumbens*	*R. tuberosa*	*G. celosioide*	*A. viridis*	*P. oleracea*	*E. heterophylla*	*A. aspera*	*C. barbata*	*R. cochinchinensis*	*C. echinatus*
		Inhibition of weed seed germination (%)											
Control	0.00	0.00[c]	0.00[c]	0.00[c]	0.00[d]	0.00[c]	0.00[c]	0.00[f]	0.00[e]	0.00[c]	0.00[b]	0.00[e]	0.00[d]
Branches	0.10	83.14±2.4[b]	67.56±4.6[b]	91.94±3.4[b]	0.00±0.0[d]	57.25±10.5[b]	88.65±9.5[b]	50.12±3.2[e]	20.21±5.1[d]	33.95±11.5[b]	100.0±0.0[a]	30.06±4.6[d]	25.80±9.0[e]
	0.25	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	8.0±2.0[d]	100.0±0.0[a]	100.0±0.0[a]	63.26±6.6[d]	62.36±8.6[c]	51.86±7.6[b]	100.0±0.0[a]	65.06±6.6[c]	61.70±3.0[b]
	0.50	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	37.0±5.0[c]	100.0±0.0[a]	100.0±0.0[a]	76.51±4.1[c]	82.65±6.5[b]	63.04±10.4[b]	100.0±0.0[a]	81.96±3.6[b]	78.19±5.9[b]
	1.00	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	95.75±2.5[a]	100.0±0.0[a]	100.0±0.0[a]	95.18±4.8[a]	100.0±0.0[a]

Mean values ($n = 4$) ± SD with different lowercase superscripts in same row are significantly ($p \leq 0.05$) different.

* = significant at $p \leq 0.05$; ** = significant at $p \leq 0.01$; [ns] = not significantly different

Table S2 Percentage inhibition of weed shoot growth from *Melaleuca cajuputi* branch extract

Concentration (g)		*E. prostrata*	*B. alata*	*T. procumbens*	*R. tuberosa*	*G. celosioide*	*A. usviridis*	*P. oleracea*	*E. heterophylla*	*A. aspera*	*C. barbata*	*R. cochinchinensis*	*C. echinatus*
		Inhibition of weed shoot growth (%)											
Control	0.00	0.00[c]	0.00[c]	0.00[c]	0.00[d]	0.00[c]	0.00[c]	0.00[e]	0.00[f]	0.00[f]	0.00[b]	0.00[f]	0.00[c]
Branches	0.10	56.4±3.6[b]	60.6±5.2[b]	62.1±10.3[b]	17.9±5.4[c]	34.7±2.0[b]	69.6±8.2[b]	41.2±3.4[d]	78.6±7.2[de]	28.3±6.4[c]	100.0±0.0[a]	13.5±4.3[e]	17.9±5.4[d]
	0.25	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	32.3±7.1b[c]	100.0±0.0[a]	100.0±0.0[a]	45.4±8.9[d]	87.5±11.0[c]	47.6±3.5[d]	100.0±0.0[a]	49.0±5.1[d]	6.1±2.3[de]
	0.50	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	53.2±3.2[b]	100.0±0.0[a]	100.0±0.0[a]	53.1±6.5[cd]	93.0±5.3[b]	69.7±5.7[c]	100.0±0.0[a]	64.8±3.3[c]	11.1±3.8[de]
	1.00	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	100.0±0.0[a]	97.3±4.5[a]	100.0±0.0[a]	100.0±0.0[a]	83.7±4.8[b]	100.0±0.0[a]

Mean values ($n = 4$) ± SD with different lowercase superscripts in same row are significantly ($p \leq 0.05$) different.

* = significant at $p \leq 0.05$; ** = significant at $p \leq 0.01$; [ns] = not significantly different

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* Corresponding author.

E-mail address: pattarawadee.sum@ku.th (P.S. Nakmee)