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ศูนย์วิจัยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย



Appendix

ศูนย์วิจัยทรัพยากรชีว
จุฬาลงกรณ์มหาวิทยาลัย

Table 1. Inhibitory effect of crude extracts of *Hyptis suaveolens* Poit. on the growth of *Bidens pilosa* Linn.

Crude extracts	% Inhibition at various contraction			
	Growth of <i>Bidens pilosa</i> part	0.1 g	0.5 g	1.0 g
Hexane	Root	29.85	44.21	71.25
	Shoot	24.21	26.32	39.74
EtOH	Root	25.97	48.97	89.57
	Shoot	-1.01	19.82	33.25
CH ₂ Cl ₂	Root	-13.17	22.18	42.58
	Shoot	-9.76	19.83	39.34
EtOAc	Root	-24.52	-15.49	-15.75
	Shoot	-22.56	-12.44	-16.23
Butanol	Root	-17.90	7.95	25.70
	Shoot	-29.37	-23.95	16.87
Water	Root	-26.78	10.12	14.17
	Shoot	-22.52	-14.14	11.28

Table 2. Inhibitory effect of crude extracts of *Hyptis suaveolens* Poit. on the growth of *Pennisetum polystachyon* Schult.

Crude extracts	% Inhibition at various contraction			
	Growth of <i>Pennisetum polystachyon</i> part	0.1 g	0.5 g	1.0 g
Hexane	Root	19.68	25.89	41.86
	Shoot	22.11	31.95	36.87
EtOH	Root	25.02	55.28	65.29
	Shoot	10.95	32.67	45.39
CH ₂ Cl ₂	Root	13.58	29.95	44.85
	Shoot	12.39	25.25	37.56
EtOAc	Root	-14.91	8.96	12.36
	Shoot	-32.86	-0.96	19.86
Butanol	Root	13.67	28.54	33.69
	Shoot	-2.58	13.95	25.87
Water	Root	1.05	18.12	25.34
	Shoot	15.68	14.25	18.76

Table 3. Inhibitory effect of crude extracts of *Hyptis suaveolens* Poit. on the growth of *Trianthema portulacastrum* Linn.

Crude extracts	% Inhibition at various contraction			
	Growth of <i>Trianthema portulacastrum</i> part	0.1 g	0.5 g	1.0 g
Hexane	Root	35.89	65.61	85.42
	Shoot	41.29	76.38	91.17
EtOH	Root	15.47	54.86	89.81
	Shoot	29.57	66.35	93.58
CH ₂ Cl ₂	Root	19.67	28.57	51.52
	Shoot	11.59	26.89	50.23
EtOAc	Root	21.37	39.57	44.28
	Shoot	13.63	22.94	39.64
Butanol	Root	-20.90	21.02	25.36
	Shoot	-19.37	10.98	21.35
Water	Root	-20.98	28.57	41.17
	Shoot	0.85	12.36	35.29

Table 4. Inhibitory effect of crude extracts of *Hyptis suaveolens* Poit. on the growth of *Dactyloctenium aegyptium* Willd.

Crude extracts	% Inhibition at various contraction			
	Growth of <i>Dactyloctenium aegyptium</i> part	0.1 g	0.5 g	1.0 g
Hexane	Root	23.67	55.68	82.34
	Shoot	22.29	35.64	74.28
EtOH	Root	22.87	55.66	91.28
	Shoot	19.67	45.28	81.76
CH ₂ Cl ₂	Root	13.58	38.95	74.35
	Shoot	-2.39	29.25	67.59
EtOAc	Root	24.97	38.96	58.24
	Shoot	22.56	30.96	63.74
Butanol	Root	-21.65	0.98	21.52
	Shoot	-33.97	-12.06	16.98
Water	Root	-2.98	11.98	18.64
	Shoot	-6.65	21.56	28.67

Table 5. Inhibitory effect of crude extracts of *Hyptis suaveolens* Poit. on the growth of *Lactuca sativa* Linn.

Crude extracts	% Inhibition at various contraction			
	Growth of <i>Lactuca sativa</i> part	0.1 g	0.5 g	1.0 g
Hexane	Root	21.54	45.26	55.64
	Shoot	12.35	25.98	36.41
EtOH	Root	31.65	63.21	100.00
	Shoot	28.72	42.37	82.64
CH ₂ Cl ₂	Root	13.58	35.45	48.25
	Shoot	13.67	29.26	41.38
EtOAc	Root	6.85	24.57	33.25
	Shoot	10.28	24.68	28.54
Butanol	Root	-13.57	23.13	38.56
	Shoot	-29.98	0.62	12.06
Water	Root	-0.54	13.58	26.67
	Shoot	-18.37	0.84	9.67

Table 6. Inhibitory effect of crude extracts of *Hyptis suaveolens* Poit. on the growth of *Brassica chinense* Jusl.

Crude extracts	% Inhibition at various contraction			
	Growth of <i>Brassica chinense</i> part	0.1 g	0.5 g	1.0 g
Hexane	Root	16.35	41.21	70.69
	Shoot	-0.98	25.68	43.57
EtOH	Root	21.85	37.65	52.34
	Shoot	17.63	22.35	34.87
CH ₂ Cl ₂	Root	11.58	26.54	41.35
	Shoot	-12.32	14.68	38.75
EtOAc	Root	16.34	28.57	32.56
	Shoot	12.54	30.96	39.58
Butanol	Root	5.21	21.94	31.50
	Shoot	-0.64	13.00	26.97
Water	Root	-23.56	0.86	11.28
	Shoot	-28.03	-12.58	3.05

VITA

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