

表 1 三种植物提取物对菟丝子生长发育的抑制效果及其对宿主的伤害影响

Table 1 The inhibition effects of three plant extracts on dodder's growth and development and on host's damage

植物提取物 Plant extract	浓度(g/mL) Concentration (g/mL)	菟丝子 Dodder			大豆 Soybean		
		症状 Symptom	伤害程度(%) Damage degree (%)	鲜重(g/株) Fresh weight (g/plant)	症状 Symptom	伤害程度(%) Damage degree (%)	鲜重(g/株) Fresh weight (g/plant)
桉树叶 Eucalyptus leaves	0.00	生长正常 Normal growth and development	0.0	0.145±0.01a	生长正常 Normal growth and development	0.0	2.6±0.19b
	0.01	无萎蔫, 生长变慢 No wilting, slowly growing	16.0	0.134±0.03a	叶子变黄 Leaves yellowing	8.0	2.1±0.10ab
	0.05	部分萎蔫, 缠绕较松 Partly wilting, loose twining	44.0	0.104±0.01a	叶出现一部分枯死斑 Dead spots partly appearing in leaves	22.0	1.8±0.12a
	0.25	萎蔫, 有枯死出现 Wilting, dead	70.0	0.115±0.03a	叶子出现大面积枯死斑 Dead spots fully appearing in leaves	64.0	1.9±0.29a
乌柏 <i>Sapium sebiferum</i> leaves	0.00	生长正常 Normal growth and development	0.0	0.12±0.02a	生长正常 Normal growth and development	0.0	2.7±0.12a
	0.01	无明显损伤 No obvious damage	6.0	0.12±0.02a	叶出现褪绿 Chlorotic leaves appearing	7.0	2.9±0.33a
	0.05	萎蔫, 缠绕圈数较少 Wilting, few twines	44.0	0.108±0.02a	叶出现一部分枯死 Leaves partly appearing dead	24.0	2.6±0.37a
	0.25	同上 Same as above	48.0	0.103±0.03a	叶枯死较多 Lots of leaves dead	54.0	2.9±0.19a
苦楝叶 <i>Melia azedarachn</i> leaves	0.00	生长正常 Normal growth and development	0.0	0.153±0.01a	生长正常 Normal growth and development	0.0	2.6±0.19a
	0.01	无萎蔫, 生长变慢 No wilting, slow growing	18.0	0.154±0.05a	伤害不明显 Not obvious hurt	4.0	2.7±0.34a
	0.05	生长减缓, 缠绕圈数较少 Slow grow, few twine	30.0	0.105±0.03a	叶子变黄 Leaves yellowing	10.0	2.2±0.25a
	0.25	萎蔫, 枯死过半 Wilting, Half of leaves dead	60.0	0.065±0.01a	叶出现大面积枯死斑 Large area dead spots appearing in leaves	58.0	2.0±0.16a

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		症状 Symptom	伤害程度(%) Damage degree (%)	鲜重(g/株) Fresh weight (g/plant)	症状 Symptom	伤害程度(%) Damage degree (%)	鲜重(g/株) Fresh weight (g/plant)
苦楝皮 <i>Melia azedarach</i> bark	0.00	生长正常 Normal growth and development	0.00	0.121±0.02a	生长正常 Normal growth and development	0.00	2.6±0.19a
	0.01	生长变慢, 缠绕圈数减少 Slow growing few twine 萎 焉, 无缠绕	28.0	0.081±0.01a	伤害不明显 No obvious hurt	4.00	3.1±0.51a
	0.05	Wilting, no twine	54.0	0.101±0.01a	伤害不明显 No obvious hurt	5.00	2.5±0.32a
	0.25	较多枯死出现 Mostly dead	78.0	0.08±0.01a	叶子稍变黄 Leaves yellowing slightly	7.00	2.5±0.27a

注: 表中数据为五次实验重复的平均值±标准误; 多重比较采用Duncan 新复极差法, 同一栏后有相同字母者是经Duncan 检验差异不显著($p<0.05$); 下同

Note: Data of the experiment was repeated five times in the table expressed the average ± standard error; multiple comparisons used Duncan new multiple range method, the same letters after the same column were no significant difference ($p<0.05$) by Duncan test; The same below