

表 7 琼脂浓度对供试水稻愈伤组织生长状态的影响

Table 7 Effects of different concentrations of agar on vegetative callus state of rice

水稻品种	琼脂浓度(g/L)	接种数目	生长率(%)	生长形态描述
Rice variety	Agar concentration (g/L)	Inoculation number	Increment rate (%)	Vegetative state
PC	7	20±2	55.30±0.50	长大, 分散, 开裂, 米粒状 Larger, dispersed, cracking, particle such as a grain of rice-like
	8	21±1	48.10±0.40	长大, 分散, 开裂 Larger, dispersed, cracking
	9	47±2	51.20±0.40	长大或分散, 开裂, 湿润 Larger or dispersed, cracking, moist
WT	7	40±2	60.10±0.50	分散, 开裂 Cracking
	8	60±3	68.20±0.40	分散, 开裂 Dispersed, cracking
	9	21±2	67.30±0.30	长大, 分散, 开裂, 较干燥 Larger, dispersed, cracking dry

注: 表 7 中使用的培养基是以基本培养基 N6 的大量元素+微量元素+有机成份为基本培养基, 再添加 2 mg/L 2,4-D, 1 mg/L ABA, 0.3 mg/L 水解酪蛋白, 2.8 mg/L 脯氨酸和 30 g/L 蔗糖, pH 5.8, 愈伤组织诱导温度(28±1)°C

Note: Medium used in figure 7 was supplemented with 2 mg/L 2,4-D, 1 mg/L ABA, 0.3 mg/L casein hydrolysate, 2.8 mg/L proline and 30 g/L sugar based on basic medium including the large elements of N6 medium plus trace elements and organic ingredients, pH 5.8, induction temperature at (28±1)°C