

表 5 添加有机附加物对供试水稻愈伤组织出愈率的影响

Table 5 Effects of different concentrations of organic substance on the rate of callus induction of rice

水稻品种 Rice variety	2,4-D (mg/l)	ABA (mg/L)	脯氨酸(g/L) Proline (g/L)	水解酪蛋白(g/L) Casein hydrolysate(g/L)	酸解酪蛋白(g/L) Casein acid (g/L)	接种数 Inoculation number	21 d 出愈数量 Callus induction of 21 d	出愈率(%) Callus induction rate (%)
PC	2	0	0	0	0	180±5	89.1±0.3	49.10±0.50
	2	1	0	0	0	170±4	53.2±0.2	31.20±0.20
	2	0	2.8	0.3	0	140±3	117.3±0.5	84.30±0.50
	2	0	2.8	0	0.3	204±5	122.2±0.8	60.20±0.30
WT	2	0	0	0	0	79±2	61.1±0.5	77.20±0.40
	2	1	0	0	0	85±2	53.2±0.4	62.20±0.40
	2	0	2.8	0.3	0	58±2	46.2±0.5	79.20±0.50
	2	0	2.8	0	0.3	86±2	70.2±0.4	81.20±0.30

注: 表 5 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 30 g/L 蔗糖和 8 g/L 琼脂, pH 5.8, 愈伤组织诱导温度(28±2)°C

Note: Medium used in figure 5 was supplemented with 30 g/L sugar and 8 g/L agar based on basic medium including the large elements of N6 medium plus trace elements and organic ingredients, pH 5.8, induction temperature at (28±2)°C