

表 18. 不同植物生長調節劑對體胚苗轉化為體胚苗之影響

Table 18. Effect of various phytohormones on conversion of somatic embryos derived from converted somatic embryos of *C. yanhusuo*.

Phytohormone* (mg/L)	% conversion	Average length of converted embryo (cm)	Length of cotyledonary leaf (mm)	Length of root** (mm)
None	75.0 ± 2.9	1.41 ± 0.07	10.91 ± 0.73	3.78 ± 0.28
1.0 Kinetin	30.0 ± 5.8	1.71 ± 0.04	13.69 ± 0.45	1.02 ± 0.21
1.0 Zeatin riboside	43.3 ± 4.4	2.49 ± 0.04	20.28 ± 0.88	2.24 ± 0.13
0.1 GA <sub>3</sub>	80.0 ± 2.9	2.77 ± 0.09	20.39 ± 1.30	6.01 ± 1.98

\* Basal medium : MS salt with 3 % sucrose, pH = 5.2 ± 0.1. Data was collected after 15 days of culture.

\*\* Means ± SE

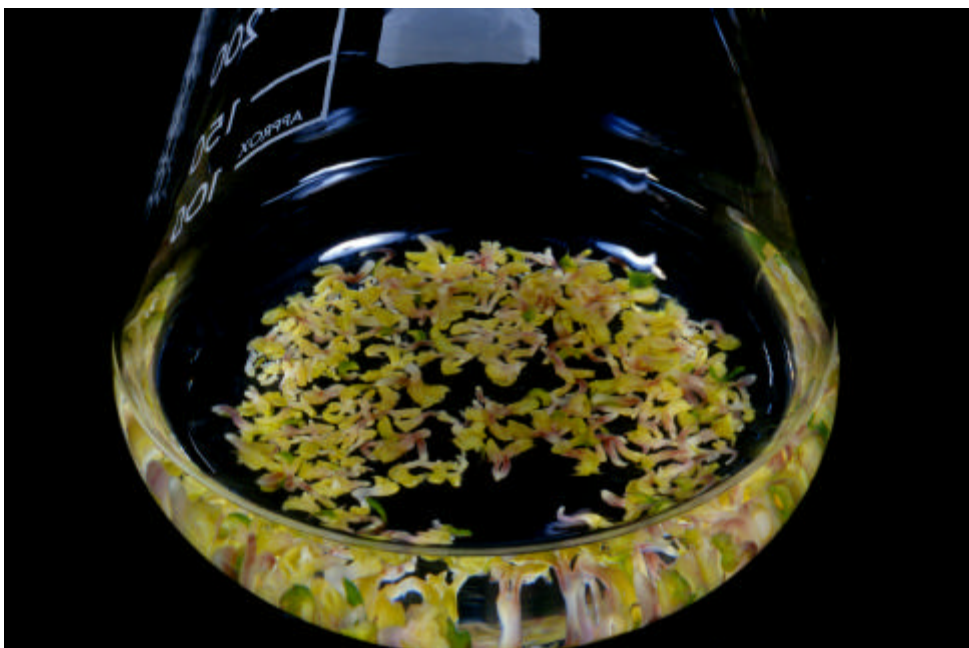


圖 31. 1 mg/L zeatin-riboside 培養 7 天之體胚苗生長的形態

Figure 31. The growths of converted somatic embryos of *C. yanhusuo* cultured on 1 mg/L zeatin-riboside liquid medium for 7 days

