

表 16. ABA 對體胚苗誘導體胚之影響

Table 16. Effect of ABA on induction of somatic embryos on converted somatic embryos of *C. yanhusuo*

ABA (mg/L)	% converted somatic embryos showing development of somatic embryos	Average no. somatic embryos produced per converted embryo	Average length of cotyledonary-stage somatic embryo (mm)
0.0	73.3 ± 1.7	3.7 ± 0.4	1.84 ± 0.36
0.5	80.0 ± 5.0	13.6 ± 1.2	2.43 ± 0.17
1.0	81.7 ± 4.4	14.5 ± 1.3	1.77 ± 0.06
2.0	76.8 ± 1.7	16.2 ± 1.3	1.43 ± 0.11
4.0	81.7 ± 1.7	17.7 ± 1.4	1.41 ± 0.08
8.0	76.7 ± 1.7	24.6 ± 2.3	1.40 ± 0.06
12.0	50.0 ± 5.8	4.0 ± 1.1	1.20 ± 0.02
16.0	35.0 ± 5.8	3.2 ± 1.3	1.07 ± 0.10

* Basal medium : MS salt with 3 % sucrose and 0.9 % Difco agar, pH =5.7 ± 0.1.

Data was collected after 60 days of culture.

** Means ± SE

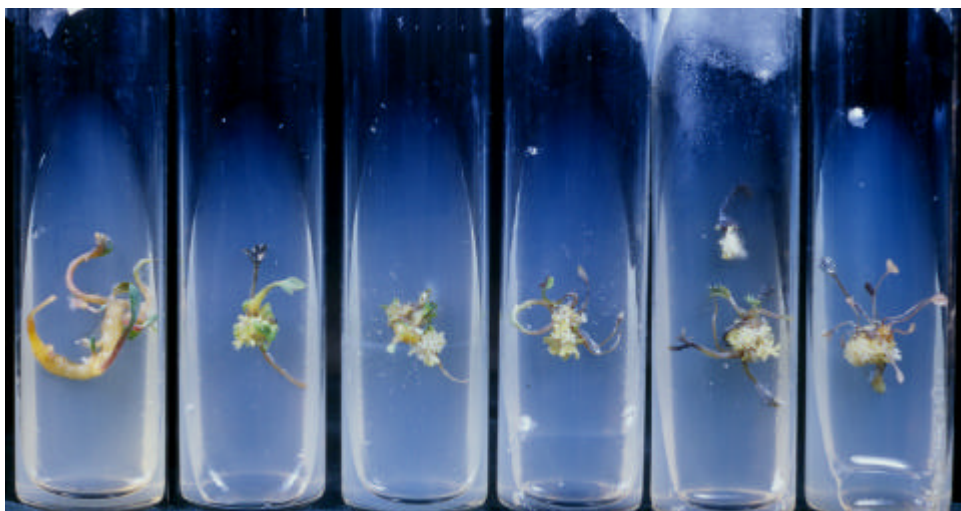


圖 29. ABA 對體胚苗誘導體胚之影響

(由左至右分別為添加 0、0.5、1、2、4 及 8 mg/L ABA 之 MS 基本鹽類培養基)

Figure 29. Effect of ABA on induction of somatic embryos on converted somatic embryos of *C. yanhusuo*

(Somatic embryos of converted somatic embryos in MS basic salts supplemented with 0, 0.5, 1, 2, 4 or 8 mg/L ABA)