

表1. Auxins 及 Cytokinins 對塊莖誘導癒合組織之影響

Table 1. Effect of auxins and cytokinins on callus formation from cultured tuber segment of *Corydalis yanhusuo*

BA (mg/L)	NAA (mg/L)	2,4-D (mg/L)	Percentage of explants producing embryos**	Percentage of explants producing callus**	Average fresh weight of callus per explant (g) **
0.0	0.0	0.0	61.3	100	1.68 <sup>f</sup>
0.0	0.5	0.0	22.6	100	2.20 <sup>de</sup>
0.0	1.0	0.0	28.2	100	2.81 <sup>c</sup>
0.0	2.0	0.0	36.5	100	2.06 <sup>e</sup>
0.0	0.0	0.5	0.0	100	3.20 <sup>b</sup>
0.0	0.0	1.0	0.0	100	3.48 <sup>ab</sup>
0.0	0.0	2.0	0.0	100	3.22 <sup>b</sup>
2.0	0.5	0.0	41.6	100	2.49 <sup>cd</sup>
2.0	1.0	0.0	52.8	100	2.71 <sup>c</sup>
2.0	2.0	0.0	66.5	100	3.08 <sup>c</sup>
2.0	0.0	0.5	4.3	100	3.29 <sup>c</sup>
2.0	0.0	1.0	5.2	100	3.72 <sup>a</sup>
2.0	0.0	2.0	5.3	100	3.43 <sup>b</sup>

Sample size : 20 explants for each treatment. Data was collected after 30 days of culture.

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

\*\* Data collected from 100-600 mg tubers was cultured for 30 days. Means of 40 samples that with the same letters are not significantly different at 5 % by LSD test.

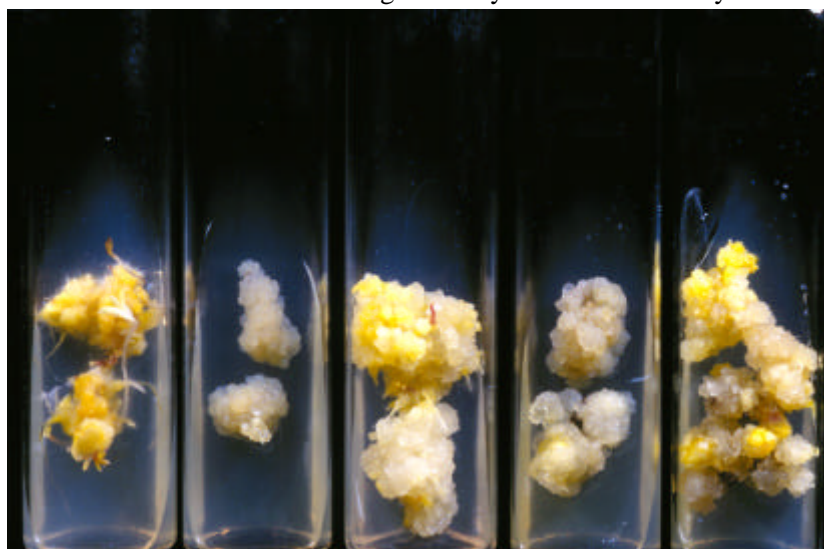


圖 14. Auxins 及 Cytokinins 對塊莖誘導癒合組織之影響  
 (由左至右分別為 MS、0.5 mg/L 2,4-D、1 mg/L NAA、  
 1 mg/L 2,4-D 及 2 mg/L BA + 2 mg/L 2,4-D)

Figure 14. Effect of auxins and cytokinins on callus formation from cultured tuber segment of *C. yanhusuo*