

表 20.不同添加物對延胡索體胚苗形成塊莖之影響

Table 20. Effect of different treatments cultured on different levels of ABA, paclobutrazol, ancymidol, GA<sub>3</sub>, and PEG-4000 for one month age by the tubers of converted somatic embryo of *C. yanhusuo*.

Basal medium* with					Average fresh weight of tuber (g)**
ABA	Ancymidol	GA <sub>3</sub>	Paclobutrazol	PEG-4000	
(mg/L)					
0	0	0	0	0	25.8 <sup>f</sup>
0.5	0	0	0	0	25.4 <sup>f</sup>
1	0	0	0	0	44.6 <sup>cd</sup>
2	0	0	0	0	29.8 <sup>f</sup>
5	0	0	0	0	16.4 <sup>g</sup>
10	0	0	0	0	4.8 <sup>h</sup>
0	0.5	0	0	0	16.2 <sup>g</sup>
0	1	0	0	0	25.2 <sup>f</sup>
0	2	0	0	0	38.6 <sup>e</sup>
0	5	0	0	0	49.2 <sup>c</sup>
0	10	0	0	0	15.1 <sup>g</sup>
0	0	0.5	0	0	19.4 <sup>g</sup>
0	0	1	0	0	28.2 <sup>f</sup>
0	0	2	0	0	29.8 <sup>f</sup>
0	0	5	0	0	28.2 <sup>f</sup>
0	0	0	0.5	0	63.4 <sup>b</sup>
0	0	0	1	0	62.8 <sup>b</sup>
0	0	0	2	0	64.8 <sup>b</sup>
0	0	0	5	0	67.2 <sup>a</sup>
0	0	0	10	0	40.8 <sup>d</sup>
0	0	0	0	15	74.6 <sup>a</sup>
0	0	0	0	25	36.2 <sup>e</sup>
0	0	0	0	50	33.2 <sup>e</sup>
0	0	0	0	100	28.4 <sup>f</sup>

\* Basal medium : MS salt with 6 % sucrose and 0.9 % Difco agar, pH =5.7 ± 0.1.

Data was collected after 30 days of culture.

\*\* Same as Table 2.