

Table S1. Effect of different doses of AGP (0, 0.05, 0.1, 0.5, 1, 2, 3 mg l⁻¹) incorporated aseptically to explants with a micropipette as filter-sterilized solutions just prior to the media setting.

AGP mg l ⁻¹	Callus Size (0-5)	No. of new WOSEs per Callus	Callus with WOSEs %	Necrosis %	Good Aspect Explants %
0	3.4 ± 0.6 ^{bc}	0.06 ± 0.1 ^b	7 ± 3 ^c	22 ± 4 ^a	73 ± 8 ^a
0.05	3.7 ± 0.6 ^b	0.03 ± 0.0 ^b	3 ± 3 ^c	20 ± 3 ^a	77 ± 8 ^a
0.1	4.6 ± 0.5 ^d	0.03 ± 0.0 ^b	3 ± 3 ^c	32 ± 4 ^a	47 ± 9 ^b
0.5	2.8 ± 0.8 ^d	0.27 ± 0.1 ^b	20 ± 7 ^{bc}	27 ± 4 ^a	73 ± 8 ^a
1	2.9 ± 0.7 ^{cd}	0.87 ± 0.1 ^a	63 ± 9 ^a	31 ± 5 ^a	73 ± 8 ^a
2	2.7 ± 0.4 ^d	0.50 ± 0.1 ^{ab}	40 ± 9 ^{ab}	33 ± 4 ^a	47 ± 9 ^b
3	3.8 ± 0.7 ^b	0.90 ± 0.3 ^a	33 ± 9 ^c	32 ± 4 ^a	47 ± 9 ^b

Data of callus size (0-5), No. of new WOSEs per callus, percentage of callus regenerating WOSEs and percentage of explants with good aspect, were recorded after an incubation of 4 weeks. Different letters indicate groups that were significantly different by LSD at $\alpha=0.05$, in percentage of callus regenerating WOSEs and percentage of explants with good aspect, and by HSD-Tukey at $\alpha=0.05$, in callus size (0-5) and No. of new WOSEs per callus. There are no significant differences in percentage of necrosis.