

表1 不同激素组合及泽西骑士外植体对愈伤诱导的影响

Table 1 Effects of phytohormones combination and different explants of 'Jersey Knight' on callus induction

处理 Treatment	激素组合及浓度 (mg/L) Combination and No. of (%) Concentration of explants	外植体 数(个) Number of explants	愈伤组织诱导率(%) Percentage of induction			愈伤组织的颜色和形态 Color and morphology of the callus		
			部位 Pith	茎段 Stem	表皮 Epidermis	部位 Pith	茎段 Stem	表皮 Epidermis
1	NAA 0+6-BA 0+2,4-D 0+KT 0	30	0	0	0	无变化 No change	无变化 No change	无变化 No change
2	NAA 0.5+6-BA 0.1+2,4-D 0+KT 0	32	50.0	40.6	28.1	黄绿, 质地紧密 Yellow green, cells attaching closely	淡绿, 质地紧密 Pale-green, cells attaching closely	深绿, 较硬 Dark-green, hardness
3	NAA 0.5+6-BA 0.5+2,4-D 0+KT 0	36	77.8	61.1	47.2	淡黄, 疏松易碎 Pale-yellow, loose and fragile	淡黄绿, 质地紧密 Light-yellow, cells attaching closely	深绿, 较硬 Dark-green, hardness
4	NAA 0.5+6-BA 0.5+2,4-D 0+KT 0.5	40	57.5	42.5	27.5	黄绿, 质地紧密 Yellow green, cells attaching closely	浅绿, 质地紧密 Pale-green, cells attaching closely	黄绿, 质地紧密 Yellow green, cells attaching closely
5	NAA 0.5+6-BA 0+2,4-D 2.0+KT 0	36	55.6	33.3	27.8	淡绿, 疏松易碎 Pale-green, loose and fragile	淡绿, 疏松易碎 Pale-green, loose and fragile	淡绿, 质地紧密 Pale-green, cells attaching closely
6	NAA 0.5+6-BA 0+2,4-D 2.0+KT 0	32	87.5	43.8	37.5	淡绿, 疏松易碎 Pale-green, loose and fragile	淡绿, 疏松易碎 Pale-green, loose and fragile	淡绿, 质地紧密 Pale-green, cells attaching closely
7	NAA 0+6-BA 1.0+2,4-D 2.0+KT 0	36	33.3	27.8	19.4	黄色, 疏松易碎 Yellow, loose and fragile	黄绿, 质地紧密 Yellow green, cells attaching closely	黄绿, 质地紧密 Yellow green, cells attaching closely
8	NAA 0.5+6-BA 1.0+2,4-D 2.0+KT 0	40	77.5	67.5	50.0	黄绿, 疏松易碎 Yellow green, loose and fragile	黄绿, 质地紧密 Yellow green, cells attaching closely	深绿, 质地紧密 Dark-green, cells attaching closely
9	NAA 1.0+6-BA 1.0+2,4-D 2.0+KT 0	32	100.0	90.6	68.8	黄绿, 疏松易碎 Yellow green, loose and fragile	黄绿, 疏松易碎 Pale-green, loose and fragile	淡绿, 质地紧密 Pale-green, cells attaching closely
10	NAA 1.0+6-BA 1.0+2,4-D 2.0+KT 0.5	32	84.4	59.3	37.5	淡黄, 疏松易碎 Yellowish, loose and fragile	黄绿, 质地紧密 Yellow green, cells attaching closely	淡绿, 较硬 Pale-green, hardness
11	NAA 1.0+6-BA 0+2,4-D 2.0+KT 0.5	36	72.2	50.0	38.9	淡绿, 疏松易碎 Pale-green, loose and fragile	淡绿, 质地紧密 Pale-green, cells attaching closely	淡绿, 较硬 Pale-green, hardness