

Table 3 Medium formula

Medium composition	Unit	Infection	Cocultivation	Resting	Selection	Budding	Rooting	Induction
MS powder	g/L	4.43	4.43	4.43	4.43	4.43	4.43	4.43
B5 organics (1000X)	mL/L	1	1	1	1	1	1	1
Sugar	g/L	68.5	20	30	30	30	30	30
Glucose	g/L	36	10	0	0	0	0	0
Vc	mg/L	0	10	0	0	0	0	0
AS	μmol/L	100	100	0	0	0	0	0
MES	g/L	0.5	0.5	0	0	0	0	0
Silwet L-77	mL/L	0.05	0	0	0	0	0	0
L-Gln	μmol/L	100	100	0	0	0	0	0
L-Cys	mg/L	0	200	0	0	0	0	0
AgNO ₃	mg/L	0	0.85	0	0	0	0	0
2,4-D	mg/L	1.5	2	2	1	0	0	2
IAA	mg/L	0	0	0	0	1	0	0
IBA	mg/L	0	0	0	0	0	1	0
6-BA	mg/L	0	0	0.5	0.5	1	0	0
KH ₂ PO ₄	g/L	0	0	1	1	0	0	1
L-Proline	mg/L	0	0.7	1	1	0	0	1
L-Asparagine	g/L	0	0	1	1	0	0	1
CuSO ₄ ·5H ₂ O	mg/L	0	0	2.5	2.5	0.25	0.25	2.5
PVP	g/L	0	0	1	1	1	1	1
Agar	g/L	0	8	8	8	8	8	8
pH		5.2	5.8	5.8	5.8	5.8	5.8	5.8