

**Technical table for *Solanum tuberosum***

	Maintenance	Preculture 1	Preculture 2	Dehydration	Vitrification	Rewarming	Recovery 1	Recovery 2
<b>Photoperiod</b>	16 h light/8 h dark	16 h light/8 h dark	16 h light/8 h dark	16 h light/8 h dark			16 h light/8h dark	16 h light/8h dark
<b>Light Intensity</b>	55 $\mu\text{M m}^{-2} \text{s}^{-2}$	55 $\mu\text{M m}^{-2} \text{s}^{-2}$	55 $\mu\text{M m}^{-2} \text{s}^{-2}$	55 $\mu\text{M m}^{-2} \text{s}^{-2}$			Low light	55 $\mu\text{M m}^{-2} \text{s}^{-2}$
<b>Temperature</b>	25 $\pm$ 3 $^{\circ}$ C	25 $\pm$ 3 $^{\circ}$ C	25 $\pm$ 3 $^{\circ}$ C	25 $\pm$ 3 $^{\circ}$ C	25 $\pm$ 3 $^{\circ}$ C	25 $\pm$ 3 $^{\circ}$ C	25 $\pm$ 3 $^{\circ}$ C	25 $\pm$ 3 $^{\circ}$ C
<b>Transfer interval</b>	4-6 weeks	16-24 hours	7-8 hours	20 minutes		30 minutes	7 days	4-6 weeks
<b>Vessel used</b>	Magenta <sup>®</sup> GA7	Petri dish	Petri dish	Petri dish	Step 1: foil strip Step 2: cryovial	Petri dish	Petri dish	Magenta <sup>®</sup> GA7
<b>Medium used</b>	MS	0.3 M sucrose-MS	0.7 M sucrose-MS	PVS2		0.8 M sucrose-MS	Kim recovery	MS