

Technical table for *Rubus*

	Maintenance	Cold acclimation	Preculture	Loading/ Dehydration	Slow cooling	Rewarming 1	Rewarming 2	Rehydration	Recovery
Photoperiod	16 h light/8 h dark	8 h light/16 h dark	8 h light/16 h dark						16 h light/8h dark
Light Intensity	55 $\mu\text{M m}^{-2} \text{s}^{-2}$	27 $\mu\text{M m}^{-2} \text{s}^{-2}$	27 $\mu\text{M m}^{-2} \text{s}^{-2}$						55 $\mu\text{M m}^{-2} \text{s}^{-2}$
Temperature	25 \pm 3°C	20°C light/-1°C dark	20°C light/-1°C dark	0°C	0.5°C/minute	45°C	25°C	25°C	25 \pm 3°C
Transfer interval	4 weeks	21 days	48 hours	60 minutes		2 minutes	1 minutes	5 minutes	4-6 weeks
Vessel used	Magenta® GA7*	Magenta® GA7*	Petri dish	1.5 ml cryovial	1.5 ml cryovial	Water bath	Water bath	1.5 ml vial	Petri dish
Medium used	Blackberry multiplication	Blackberry multiplication	Blackberry pretreatment with 5% DMSO	PGD	PGD	N/A	N/A	Liquid MS 3% sucrose	Blackberry recovery