

Materials List for

Inoculating and Observing Arbuscular Mycorrhizal Cultures on Superabsorbent Polymer-Based Autotrophic Systems

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jove.com/video/66848

Materials

Name	Company	Catalog Number	Comments
100 x 15 mm Stackable Bi-Plate	Kord Valmark	1204U09	https://www.thomassci.com/Laboratory-Supplies/Petri-Dishes/_/100-x-15-mm-Stackable-Bi-Plate
12-well plate	Greiner Bio-one	665180	https://shop.gbo.com/en/row/products/bioscience/cell-culture-products/cellstar-cell-culture-multiwell-plates/665180.html
18 mm round glass coverslips	Fisher Scientific	12-545-100	https://www.fishersci.com/shop/products/fisherbrand-cover-glasses-circles-11/12545100#?keyword=12-545-100
20 mL Syringe PP/PE without needle	Millipore Sigma	Z683620-100EA	https://www.sigmaaldrich.com/CA/en/product/aldrich/z683620?utm_source=google&utm_medium=cpc&utm_campaign=20674735406&utm_content=157607444391&gclid=Cj0KCQiA5rGuBhCnARIsAN11vgQOT_WPRg9WFyBEyoO4b0x1-F7Tks4houU7VTRS5EiYM9i0F-B0L7saAmFoEALw_wcB
Acupuncture needle	Lierre	A143-LP1-3075	https://www.lierre.ca/products/lierre-plus-acupuncture-needles-100pcs?gad_source=1&gclid=Cj0KCQiA5rGuBhCnARIsAN11vgTwupmw51UTdRk9cKr4ewi12W3dyVikenzH3sjdUB4g41G-_KnvppoaAkbTEALw_wcB&utm_campaign=PMax-needles&utm_content=shopify_CA_5213169090694_35001500991622&utm_medium=cpc&utm_source=google&variant=35001500991622
Blotting paper	FLINN	FB0678	https://www.flinnsci.ca/blotting-paper-12-x-19-pkg.-of-10/fb0678/

Commercial or scientific blender or kitchen hand blender	kitchenaid	KHBV53DG	https://www.kitchenaid.ca/en_ca/countertop-appliances/hand-blenders/hand-blender-products/p.variable-speed-corded-hand-blender.khbv53dg.html
Dremel 199 Carving Bit	Dremel	2615000199	https://www.dremel.com/ca/en/p/199-2615000199
Dry SAP medium granulometry 1–2 mm	HORTA-SORB MD	00810085242789	https://www.horticulturalalliance.com/product/horta-sorb-md-granule/
Feather Stainless-Steel Blades for Dissecting Knife Handles	Fisher Scientific	08-916-5B	https://www.fishersci.ca/shop/products/graham-field-stainless-steel-blades-dissecting-knife-handles-8/089165b
Glass Pasteur pipettes 230 mm	Kimble	RK-25554-14	https://www.coleparmer.ca/i/dwk-lifesciences-kimble-disposable-pasteur-pipettes-plugged-end-borosilicate-glass-230-mm-1000-cs/2555414
Ink	Sheaffer	94321	https://www.amazon.com/Sheaffer-Skrip-Bottled-Black-94231/dp/B002IKKKUU
Melting guide: modified paint Scraper, 2-in	Mastercraft	#049-7335-8	https://www.canadiantire.ca/en/pdp/mastercraft-carbon-steel-flexible-spackling-putty-knife-wall-paint-scraper-2-in-0497335p.0497335.html?loc=plp
Microscopy glass slide	Fisher Scientific	12-552-5	https://www.fishersci.com/shop/products/fisherbrand-frosted-microscope-slides-4/125525
Nitex nylon mesh filter screen	Dynamic Aqua-Supply Ltd.	NTX30-108	https://dynamicaquasupply.com/products/nitex-screen?_pos=1&_sid=ffc105328&_ss=r&variant=6945749106731
Paper clip	Makanu	Clips-BK-41mm-24	https://www.amazon.ca/classeur-standard-grandes-trombones-excellentes
Parafilm	Avantor/vwr	470201-930	https://www.avantorsciences.com/ca/en/product/8882964/parafilm
Plantago lanceolata seeds	ecoumene	NA	https://www.ecoumene.com/produit/semences/herbacees/plantain-lanceole-bio/
Polyvinyl alcohol-lactic acid-glycerol (PVLG).	NA	NA	https://invam.ku.edu/recipes
Pyrography kit with fine tip	Walnut Hollow	483103	https://www.walnutthollow.com/collections/creative-wood-burning/products/walnut-hollow-creative-versa-tool
Silicone sealant	Aqueon	100165003	https://www.aqueon.com/products/aquariums/silicone-sealant
Surgeon scalpel handle	Fisher Scientific	22-079657	https://www.fishersci.ca/shop/products/surgical-design-scalpel-handles-blades/22079657#?keyword=scalpel
Two Speed Rotary Tool Kit	Dremel	200-1/21	https://www.dremel.com/ca/en/p/200-1-21-f0130200ah
Vermiculite	PRO-MIX	4981110	https://www.canadiantire.ca/fr/pdp/vermiculite-pro-mix-9-l-0597936p.0597936.html
X1000 Round Coverslip dia. 30 mm #1 (0.13–0.16 mm)	Fisher Scientific	12164692	https://www.fishersci.fi/shop/products/x1000-cover-slip-diam-30-mm-n-1-1/12164692