

Materials List for

An Easy and Flexible Inoculation Method for Accurately Assessing Powdery Mildew-Infection Phenotypes of Arabidopsis and Other Plants

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xiao@umd.edu	Flexible Inoculation Method for Accurately Assessing Powdery Mildew-Infection			
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Materials

Name	Company	Catalog Number	Comments
48 µm stainless steel grid mesh screen; Size: 24" X 48"	Amazon	NA	For making the lid of an inoculation box
#6-32 x 3/4" machine screws, flat washers and nuts	Home Depot	NA	For making an inoculation chamber
#6-32 zinc plated nylon lock nut (4-Pack)	Home Depot	NA	For making an inoculation chamber
#6-32x3/8" Phillips flat head machine screws, flat washers and nuts	Home Depot	NA	For securing magnet door catch plates
#8-32x1/2" machine screws, flat washers and nuts	Home Depot	NA	For securing corner braces and door hinge
0.250 thick clear extruded acrylic film-masked sheet; Size: 17 ½" X 20"	Professional Plastics	SACR.250CEF	For making an inoculation chamber
0.250 thick clear extruded acrylic film-masked sheet; Size: 18" X 20"	Professional Plastics	SACR.250CEF	For making an inoculation chamber
0.250 thick clear extruded acrylic film-masked sheet; Size: 18" X 30"	Professional Plastics	SACR.250CEF	For making an inoculation chamber
0.250 thick clear extruded acrylic film-masked sheet; Size: 20" X 29 ½ "	Professional Plastics	SACR.250CEF	For making an inoculation chamber
1-5/8" cabinet door magnetic catch white	Home Depot	Model #P110-W	For making an inoculation chamber
2" steel zinc-plated corner brace (8-Pack)	Home Depot	Model #13611	For making an inoculation box & chamber
3" Corner Clamp	Harbor Freight Tools	SKU 63653, 1852, 60589	For making inoculation chamber
3/4" steel zinc plated corner brace (4-Pack)	Home Depot	Model #13542	For making an inoculation box & chamber

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4-7/8" zinc-plated light duty door pull handles	Home Depot	Model #15184	For making an inoculation box
Fine fan-blender brushes	Michaels Store	M10472846	For inoculation
Kelleher 3/4" x 3/4" x 36" wood square dowel	Home Depot	NA	For making the lid of an inoculation box
Medium density fiberboard (1/4" x 2' x 4');	Home Depot	Model# 1508104	For making an inoculation box
Round glass coverslips with a 500 µm grid	ibidi USA Inc.	10816	For determining spore density