

Materials List for:

# Adherence of Bacteria to Plant Surfaces Measured in the Laboratory

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## Materials

Name	Company	Catalog Number	Comments
light microscope	any	N/A	phase contrast or Nomarski optics are helpful, for studies using fluorescent markers a fluorescence microscope is required.
seeds	any	N/A	make a note of the seed lot number and the cultivar
bleach	any	N/A	
bath sonicator	any scientific supply company	N/A	
Triton X-100	Sigma-Aldrich	T9284	
nutrient agar	Difco	001-01-8	
soytone	Difco	24360	
Sand	sea sand Fisher Scientific	S25	
sand	Sigma-Aldrich	S9887	
conetainers	Stuewe & Sons, Inc.	Ray-Leach cone-tainers	many different sizes are available to suit the type of plant you wish to grow
parafilm	any scientific supply company	N/A	
MS salts	Sigma-Aldrich	M5524	
paraffin	any	N/A	
centrifuge	any scientific company	N/A	to pellet most bacteria only a small centrifuge with a max force of 10,000 XG is needed
vortex mixer	any scientific company		
micrometer	ACCU-SCOPE Accessories	A3145	
Sedgwick-rafter counting cell	Hauser Scientific	HS3800	
probe-clip press-seal incubation chamber	Sigma-Aldrich	Z359483	
rifampicin	Sigma-Aldrich	R3501	
naladixic acid	Sigma-Aldrich	n8878	
Live/dead stain	In Vitrogen Molecular Bioprobes	L7007	