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Materials List for

Simulating Temperature in a Soil Incubation Experiment

Jianwei Li[1], **Precious Areeveso**[1], **Xuehan Wang**[1], **Siyang Jian**[1,2], **Lahiru Gamage**[1]

[1]Department of Agricultural and Environmental Sciences, Tennessee State University   [2]Department of Plant Biology and Microbiology, University of Oklahoma, Norman

Corresponding Author

Jianwei Li

jli2@tnstate.edu

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Materials

Name	Company	Catalog Number	Comments
10 mL-Syringe	Fisher Scientific	14-826-13	for soil respiration measurement
Composer Software	TestEquity	Model #107	for incubation temperature setup
Environmental chamber	TestEquity	Model #107	for soil incubation
Environmental gas analyzer	PP Systems	EGM5	for soil respiration measurement
Filter paper	Fisher Scientific	1005-125	for soil incubation
Mason jar	Ball	15381-3	for soil incubation
Oven	Fisher Scientific	15-103-0520	for soil moisture measurement
Plastic Zipper Seal Storage Bag	Fisher Scientific	09-800-16	for soil collection
Plate reader	Molecular devices	FilterMax F5	for soil extracellular enzyme analysis
R Software	The R Foundation	R version 4.1.3 (2022-03-10)	For statistical computing
Refrigerator/Freezer	Fisher Scientific	13-991-898	for soil storation
Screwdriver	Fisher Scientific	19-313-447	for soil collection
Sharpie	Fisher Scientific	50-111-3135	for soil collection
Sieve	Fisher Scientific	04-881G	for sieving soil sample
Silicone Septa	Duran Wheaton kimble	224100-070	for mason jars used for soil incubation
Soil auger	AMS	350.05	for soil collection
SpecWare Software	Spectrum Technologies	WatchDog E2700 (3340WD2)	for temperature collection interval setup
Temperature probe	Spectrum Technologies	WatchDog E2700 (3340WD2)	for soil temperature measurements
TOC/TN analyzer	Shimadzu	TOC-L series	for soil microbial biomass analysis