

Materials List for:

## Measuring Fluxes of Mineral Nutrients and Toxicants in Plants with Radioactive Tracers

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### Materials

Name	Company	Catalog Number	Comments
Gamma counter	Perkin Elmer		Model: Wallac 1480 Wizard 3"
Geiger-Müller counter	Ludlum Measurements Inc.		Model 3 survey meter
400 ml glass beakers	VWR	89000-206	For pre-absorption, absorption, and desorption solutions
Glass funnel	VWR	89000-466	For efflux funnel
Large tubing	VWR	529297	For efflux funnel
Medium tubing	VWR	684783	For bundling
Small tubing	VWR	63013-541	For aeration
Aeration manifold	Penn Plax Air Tech	vat 5.5	To control/distribute pressurized air into solutions
Glass scintillation vials	VWR	66022-128	For gamma counting
Glass centrifuge tubes	VWR	47729-576	For spin-drying root samples
Kimwipes	VWR	470173-504	For spin-drying root samples
Dissecting scissors	VWR	470001-828	
Forceps	VWR	470005-496	
Low-speed clinical centrifuge	International Equipment Co.	76466M-4	For spin-drying root samples
1 ml pipette	Gilson	F144493	
10 ml pipette	Gilson	F144494	
1 ml pipette tips	VWR	89079-470	
10 ml pipette tips	VWR	89087-532	
Analytical balance	Mettler toledo	PB403-S/FACT	