

Materials List for:

Design and Operation of a Continuous ¹³C and ¹⁵N Labeling Chamber for Uniform or Differential, Metabolic and Structural, Plant Isotope Labeling

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Materials

Name	Company	Catalog Number	Comments
40 in Remote Tower Fan	Living Accents	FS10-S3R-A	
42 in Electric Tower Fan with remote control	LASKO	2559	
Mr. Slim Split-type air conditioner	Mitsubishi Electric	R410A	
Electronic 24 hr time switches	Intermatic	ET100C	Operates Fluorescent Light System
iSeries Humidity and Temp Controller	Omega	CHITH-i8DV33-5-EI	
Solid State Relay	Omega	SSRL240	
CKR Series Solid State Relay	Crydon		
Solenoid Coils	Dayton	6X543	
GasHound CO ₂ Analyzer	LI-COR	LI-800	
Dehumidifier	Dayton	1DGX4	
Specialty gas regulator	Airgas	CGA 580	
T5 Hight Output Commercial Fluorescent Light System	Hydro Farm	FLT48	
Air pump	Thermo Scientific	420-1901	
Masterflex Cartridge Pump HeadSystem	Cole Parmer	7553-70	
1900 Series Network Switch	Catalyst		
Profile Porus Ceramic Top Dressing	Greens Grade		
Industrial Quartz 40 mesh	Unimin	4095	
Mycorrhizae Professional Growing Medium	ProMix		
Vermiculite and Perlite	Thermo-Ran	C633	
Potassium Nitrate- ¹⁵ N 98 atom %	Sigma-Aldrich	335134	
Carbon- ¹³ C Dioxide 10 atom %	Sigma-Aldrich	600180	
Medical grade CO ₂	Airgas		
Regulator	Airgas	CGA 350	
4 in box fans	Grainger		
Masterflex PharMed BPT Tubing	Cole Parmer	HV-06508-24	