

Module 4B: Procurement Guide



Curriculum Materials & Setup for Hands-On-Activities & Labs

Instructor Note: This guide outlines the materials needed to execute **Module 4 HOA B (Integrated Pest Management: DIY Spore Culture)**. Quantities are calculated for a standard class size of **30 students** working in small groups of 2 to 4. Please ensure you have access to a powdery mildew-infected plant source prior to the lab.

Links (Amazon etc.) are provided for convenience, but you may source these items from a **supplier of your choice**.

1. Bill of Materials

Item Description	Use Case in Module	Qty Needed	Est. Cost	Link
Clove Oil (100 mL)	Natural botanical fungicide used as the experimental IPM treatment to inhibit powdery mildew growth.	1 bottle	\$18.95	View
Cotton Swabs (6 in, Cotton Tip, 1000-Pack)	Used for precise transfer of powdery mildew spores from infected leaves to the agar plates.	1 pack	\$14.99	View
Multifold Paper Towels (Hand Towels, Case Pack)	To maintain a clean workspace and wipe up any agar or liquid spills.	1 case	\$56.90	View
Pre-poured Agar Petri Dishes	Growth medium for culturing the powdery mildew spores. Requires 2 plates per student group.	15-20 pairs	\$51.96	View

Total Estimated Budget: ~\$142.80