

INTRODUCTION TO PLANT PATHOGENS

PRACTICALS

**Practical No. 1**

**PLANT PATHOLOGY LABORATORY RULES AND REGULATIONS**

1. Always wear apron before entering the laboratory for, protecting clothes from contamination or accidental discoloration by staining solutions
2. Before and after each laboratory period, clean your workbench with a disinfectant
3. Never eat or drink in the laboratory
4. Never place pencils, labels or any other material in your mouth.
5. If a live culture is spilled, cover the area with a disinfectant such as 0.1% mercuric chloride for 15 min and then clean it.
6. Be careful of lab burners and put them off when not in use.
7. The waste paper and contaminated glassware should be kept in waste basket trays.
8. Wash your hands with soap and water before leaving the lab.
9. Broth culture must never be pipetted with mouth.
10. Keep aseptic culture tubes in an upright position in a rack or basket.

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11. Materials such as stains, pipettes must be returned to original location after use.
12. Familiarize yourself in advance with the exercise to be performed.
13. Label all plates, cultures and tubes before starting.
14. Before execution of work, read over the exercise to be done and calculate the requirement and plan.
15. Each lab class will begin with a short introduction period. Don't begin work until you have received instructions.
16. Ask questions when you don't understand any method.
17. Properly record all experimental details and observations and keep your note book up to date. Clean the bench with a clean cloth or a piece of cotton, after completion of exercise.

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