

Plants and Pollution Worksheet

Part I. Seed Germination and Pollution

Petri Dish	Treatment	Percent Germination
#1	Water Only	
#2	Vinegar	
#3	Soap Solution	
#4	Salt Solution	
#5	Fertilizer Solution	

1. Which Petri dish had the greatest rate of germination? Explain.
2. Do changes in the environment of a radish seed affect its ability to germinate? What data supports your answer?
3. What are the real environmental pollutants that might be simulated by treatments 2–5?

Part II. Pollution Sensitivity

1. Describe your experimental design and procedures.
2. Experimental results. Use charts or graphs as appropriate.
3. Discuss your experimental results.