

How Does the Amount of a Chemical Affect Algae Growth?



- 1 Fill each cup with 40 mL of algae water from your group's aquarium.
- 2 Add a different amount of plant fertilizer to each cup. Follow the chart below.
- 3 Predict which cup will show the most algae growth in three weeks.

Prediction: _____

- 4 After three weeks, test the pH of each cup. Record the pH in the chart.

Cups	Amount of fertilizer added	pH
Cup 1	none	
Cup 2	1 drop	
Cup 3	5 drops	
Cup 4	10 drops	
Cup 5	25 drops	
Cup 6	50 drops	
Cup 7	100 drops	

- 5 Which cup showed the most algae growth? Cup _____
 - 6 Was your prediction correct?
- _____