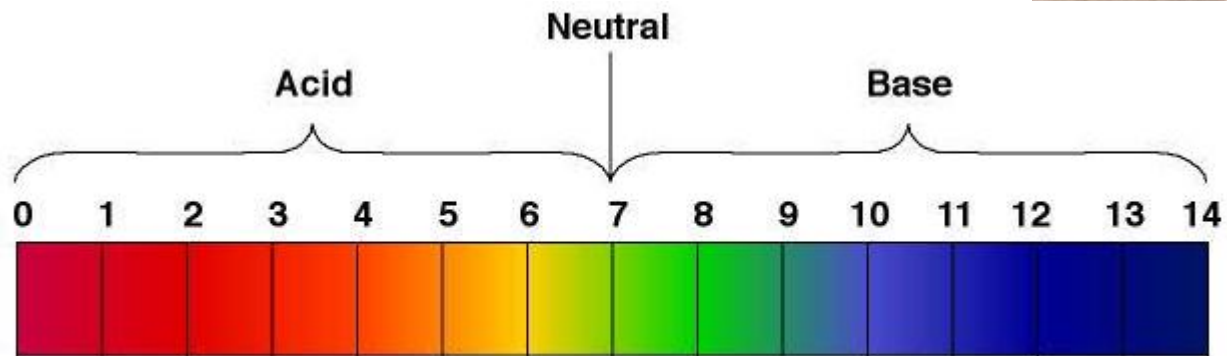


# Radishes VS Acidic And Alkaline Solutions

By: Kathleen Bradie

# Introduction

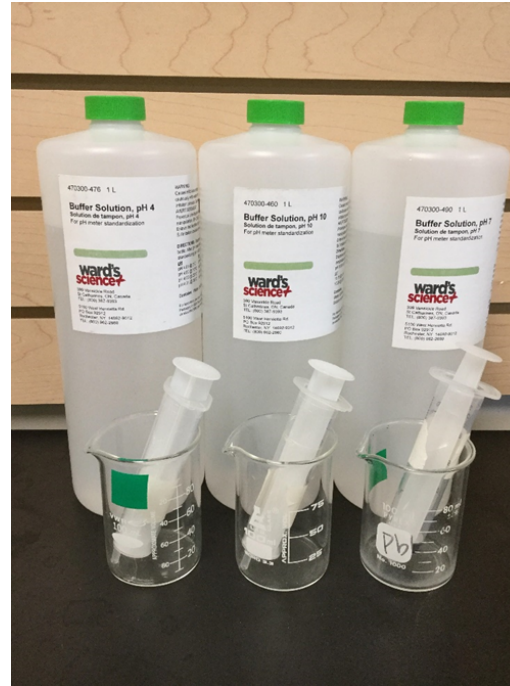
- Purpose
- Hypothesis



The pH Scale

# Procedure

- Planting radishes
- Massing Radishes
- Multiple trials
- Materials





# Observations

- Colour
- Size



## Quantitative Data of Heritage Radishes Mass

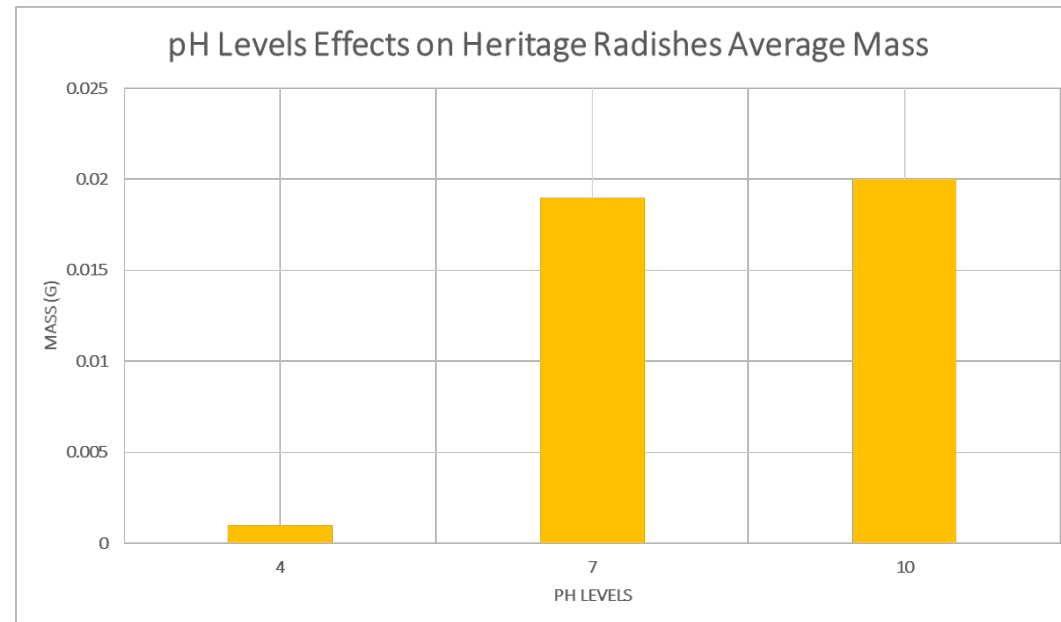
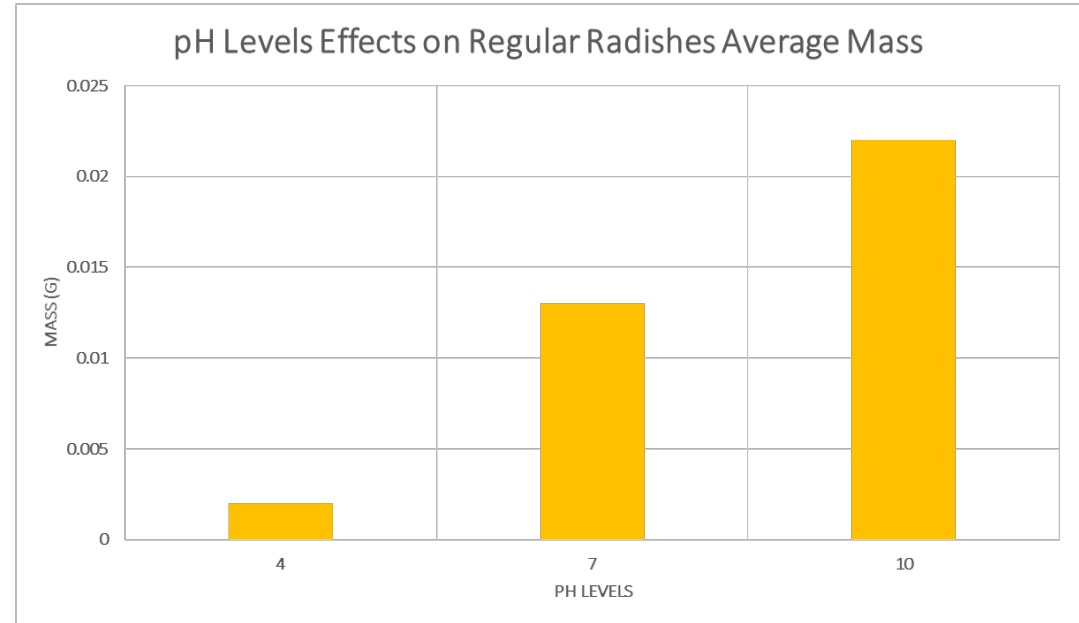
pH Levels	Mass (g)					
	Plant 1	Plant 2	Plant 3	Plant 4	Plant 5	Average
4	0.001	0.002	0.001	0.002	0.001	0.001
7	0.048	0.006	0.015	0.022	0.004	0.019
10	0.022	0.021	0.021	0.024	0.011	0.020

## Quantitative Data of Regular Radishes Mass

pH Levels	Mass (g)					
	Plant 1	Plant 2	Plant 3	Plant 4	Plant 5	Average
4	0.002	0.001	0.001	0.003	0.001	0.002
7	0.003	0.036	0.021	0.003	0.002	0.013
10	0.024	0.006	0.030	0.012	0.037	0.022

# Conclusion

- Results
- What radish is more resistant
- What grew the best
- What grew the least



# Reflection

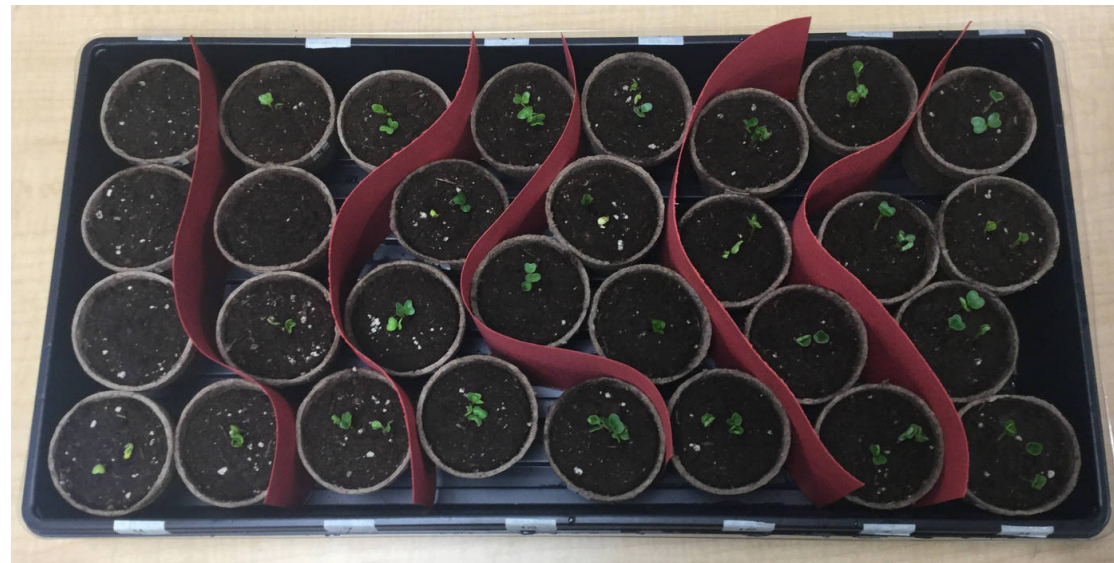
- If I could change something I would:

Add a plant colour chart

Not use biodegradable materials

Add a control pH level 7.0 row of plants

- Sources of error





# Implications and Applications

- Climate change
- Agriculture
- Future experiments

