



# Canada Agriculture and Food Museum

## Drought or drowning experiment

Name:

Date:

### Hypotheses

A hypothesis is an assumption or a prediction made in answer to a question. Without knowing the real answer, we make a guess and predict the answer. We do so using the knowledge we have. We then conduct research or an experiment to determine whether our hypothesis was correct.

Predict the results of the experiment on the plants. Answer the following questions.

Question 1: what will happen to plant a if i water it every day?

Hypothesis 1: I think AND because



Question 2: what will happen to the plant b if i water it twice a week?

Hypothesis 2: I think AND because

Question 3: what will happen to the plant c if i never water it?

Hypothesis 3: I think AND because

## Observation chart

Record or draw your observations in the chart.

Date	Plant A (watered every day) Observations	Plant B (watered twice a week) Observations	Plant C (never watered) Observations



## Results of the experiment

Were your hypotheses correct?

Why or why not?



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