

Jayne *

P2 → 29.3 mL → 94%

P3 → 31.5 mL → 91%

P6 → 31.7 mL → 95%

P7 → 30.4 mL → 92%

BIRCH

30.7 mL, 93

BAILEY

34.2 mL,

79%

Class: P2

Date:

Title

The Effect of Water Amount on Seed Germination

(Independent variable)

(Dependent variable)

Introduction

The experiment conducted was to adjust the amount of water given to germinate eight seeds.

The purpose of the experiment was to determine the average amount of water needed to germinate the most seeds in six days.

The amount of water added to the seeds was changed and counting how many seeds germinated

was measured to see if the changes made a difference. The roots were also measured daily to observe the ~~change~~ affect of water given.

The prediction was if eight seeds are given 64 milliliters of water, then eight seeds will germinate, because seeds need the correct amount of water to germinate.

Three reasons to support this prediction include, living things need water to survive, and plants need water for photosynthesis and finally, water softens the seed coat therefore the embryo can develop, grow, and come out as a plant.

Materials:

- | | | |
|--------------------|--------------------|-----------------------------------|
| • Pencil | • Magnifying glass | • Pipette |
| • Beakers of water | • 2 Bean seeds | • Colored pencils |
| • Paper towel | • 2 Pea seeds | • Masking tape |
| • Petri dish | • 2 Lettuce seeds | • Scissors |
| • Metric ruler | • 2 Radish seeds | • Germination Lab Daily Log Sheet |