**Trial Three – Plants C**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Beginning**  **Height** | **Week 1**  **Height** | **Week 2**  **Height** | **Week 3**  **Height** |
| **Water** |  |  |  |  |
| **No**  **Water** |  |  |  |  |

**Trial Two – Plants B**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Beginning**  **Height** | **Week 1**  **Height** | **Week 2**  **Height** | **Week 3**  **Height** |
| **Water** |  |  |  |  |
| **No**  **Water** |  |  |  |  |

**Trial One – Plants A**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Beginning**  **Height** | **Week 1**  **Height** | **Week 2**  **Height** | **Week 3**  **Height** |
| **Water** |  |  |  |  |
| **No**  **Water** |  |  |  |  |

**Procedure**

1. Place each plant in one of the planters with the same amount of soil, at the same depth.
2. Label one plant with the word “water - A” and the other plant with the words “no water - A”.
3. Add ½ a cup of water to the plant labeled “water”, and no water to the other plant.
4. Place both plants in a sunny window side by side.
5. Measure the height of each plant and record as beginning height. Measure each Friday after that.
6. Repeat 2 more times with plants, B and C.

**Conclusion**

The evidence collected, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ my hypothesis. I found that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Data Charts**

**Hypothesis**

If I have two identical plants, one receiving water every 2 days, and the other not receiving any water, then I predict \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Materials**

* 2 identical plants
* Measuring cup
* Soil
* 2 identical plant pots
* Water
* Sunny location

**Question**

How does water affect plant growth?