**Trial Three – Plants C**

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

**Trial Two – Plants B**

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

**Data Charts**

**Trial One – Plants A**

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

**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 “Air - A” and the other plant with the words “no air - A”.
3. Add ½ a cup of water to both plants today, and every 2 days.
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. Place a trash bag over the plant labeled “no air- A, and tape it closed at the bottom of the pot.
7. Repeat 2 more times with plants, B and C.

**Conclusion**

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

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

**Materials**

* 2 identical plants
* Soil
* 2 identical plant pots
* Water
* Sunny location
* Small garbage bag
* Tape

**Hypothesis**

If I have two identical plants, one receiving fresh air, and the other not receiving fresh air, then I predict \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

**Question**

How does air affect plant growth?