Laboratory Report

Directions: Place the following lab format procedures from the word bank below in the correct order, then Place the correct letter from the specific parts of a laboratory report with the correct numbers to show the proper sequence of a lab report .

Word Bank

Hypothesis Analysis Title Conclusion Data Experiment Observation

Lab Report Procedure Letter from below(function)

1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

F] Control group consistently smaller than the experimental group, with the control group averaging about 5.3 cm longer and the experimental group experiencing 2.7 cm longer in growth.

C] Does Plant Food A have a positive effect on plant growth?

B] Certain plant foods will cause plants to grow taller

A] Take six plants and divide them into two groups. Three plants will be labeled A which will be the experimental group, these will get 10 ml. of Plant food A twice a week. The other three plants will be labeled B and they will receive 10 ml. of plant food twice a week without any type of chemicals introduced. It will be a placebo containing only water. Observe and record the heights of the plants for three weeks. Make sure to take a measurement of the original height at the beginning of the experiment.

E] “Plant Foods Effect on Plant Growth”

G]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Experimental Group  Height cm. | | | Control Group  Height cm. | | |
| WEEK | Plant 1 | Plant 2 | Plant 3 | Plant 4 | Plant 5 | Plant 6 |
| 0 | 6.0 | 6.5 | 6.2 | 6.1 | 6.2 | 6.3 |
| 1 | 7.5 | 8.0 | 8.0 | 7.0 | 6.8 | 6.9 |
| 2 | 9.5 | 10.2 | 10.1 | 8.1 | 7.7 | 8.0 |
| 3 | 11.3 | 12.2 | 11.3 | 8.9 | 8.8 | 9.1 |

D] The sun had a curious affect on the leaves and stems of the plants. The leaves and stems would grow towards the sun. The plants grew faster on sunnier days.