**Lab 7-1: Investigating the effect of heredity and environment on corn seedlings – Data Table**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Treatment** | **Seeds Planted (Day 1)** | | | | | | **Seeds Not Germinated** | | | | | | **Seeds with Chlorophyll** | | | | |  | **Seeds without Chlorophyll** | | | | | |
| Group # | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 |
| **Space 1**  Cup A  (Constant dark)  **Group Totals** |  |  |  | 4 | **4** | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | | | | | |  | | | | | |  | | | | | |  | | | | | |
| **Space 2**  Cup B  (after being in dark for 3-5 days – before moving to light)  **Group Totals** | 4 | 4 | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | | | | | |  | | | | | |  | | | | | |  | | | | | |
| **Space 3**  Cup B  (after moving to light for 2 days)    **Group Totals** | 4 | 4 | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | | | | | |  | | | | | |  | | | | | |  | | | | | |
| **Space 4**  Cup C  (Constant light)  **Group Totals** | 4 | 4 | 4 | 4 | 4 | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | | | | | |  | | | | | |  | | | | | |  | | | | | |