

Deviation - Totco Surveys

|      | <u>Deg. Off</u> |        | <u>Deg. Off</u> |        | <u>Deg. Off</u> |
|------|-----------------|--------|-----------------|--------|-----------------|
| 260' | 1/2             | 8583'  | 1 1/2           | 11,482 | 5               |
| 357  | 1/4             | 8660   | 1/2             | 11,490 | 5               |
| 572  | 1/2             | 8767   | 3 1/4           | 11,498 | 4 3/4           |
| 840  | 3/4             | 8910   | 1 1/4           | 11,544 | 5               |
| 1158 | 1/4             | 8960   | 3/4             | 11,557 | 4 3/4           |
| 1646 | 1/4             | 9044   | 1               | 11,563 | 4 1/2           |
| 1847 | 1/2             | 9108   | 1 3/4           | 11,569 | 4 3/4           |
| 2130 | 1/2             | 9209   | 3/4             | 11,575 | 4 1/2           |
| 2630 | 1/4             | 9249   | 3/4             | 11,586 | 4 3/4           |
| 2910 | 1               | 9294   | 3/4             | 11,605 | 4 3/4           |
| 3140 | 1               | 9337   | 1               | 11,632 | 4 1/2           |
| 3420 | 3/4             | 9380   | 3/4             | 11,656 | 4 1/2           |
| 3688 | 3/4             | 9415   | 1               | 11,688 | 5 1/2           |
| 3917 | 1/4             | 9454   | 1 1/4           | 11,712 | 5 1/2           |
| 4098 | 0               | 9499   | 3/4             | 11,750 | 4 3/4           |
| 4210 | 1/4             | 9547   | 3/4             | 11,791 | 4 3/4           |
| 4335 | 0               | 9621   | 1               | 11,819 | 4 1/2           |
| 4395 | 1/2             | 9672   | 2               | 11,849 | 4 3/4           |
| 4480 | 1/2             | 9872   | 2               | 11,900 | 4 3/4           |
| 4572 | 1/2             | 9938   | 1               | 11,959 | 4 3/4           |
| 4637 | 1/2             | 10,033 | 1 1/2           | 11,959 | 4 3/4           |
| 4660 | 1/2             | 10,129 | 1 1/2           | 12,030 | 4 1/4           |
| 4876 | 3/4             | 10,289 | 2               | 12,089 | 3 3/4           |
| 4998 | 3/4             | 10,411 | 2               | 12,189 | 3 1/4           |
| 5093 | 3/4             | 10,432 | 2               |        |                 |
| 5175 | 1/2             | 10,488 | 1 1/2           |        |                 |
| 5265 | 1/2             | 10,630 | 1 1/4           |        |                 |
| 5335 | 1/2             | 10,737 | 1 1/4           |        |                 |
| 5450 | 1               | 10,912 | 1 3/4           |        |                 |
| 5596 | 1 1/4           | 10,970 | 2 3/4           |        |                 |
| 5780 | 1               | 11,006 | 2 1/2           |        |                 |
| 5890 | 1 1/2           | 11,070 | 2 3/4           |        |                 |
| 6035 | 1 1/2           | 11,096 | 2 1/2           |        |                 |
| 6145 | 1 1/4           | 11,117 | 2 3/4           |        |                 |
| 6239 | 1 3/4           | 11,140 | 2 3/4           |        |                 |
| 6305 | 1 1/2           | 11,162 | 2 3/4           |        |                 |
| 6390 | 1 1/2           | 11,177 | 2 3/4           |        |                 |
| 6466 | 1 1/4           | 11,205 | 2 3/4           |        |                 |
| 6554 | 3/4             | 11,230 | 3               |        |                 |
| 6723 | 3/4             | 11,265 | 3 1/2           |        |                 |
| 6827 | 1               | 11,292 | 4               |        |                 |
| 7039 | 3/4             | 11,309 | 3 1/2           |        |                 |
| 7253 | 1               | 11,327 | 3 3/4           |        |                 |
| 7330 | 1               | 11,350 | 4 1/4           |        |                 |
| 7398 | 1               | 11,369 | 4               |        |                 |
| 7602 | 1 1/4           | 11,380 | 4               |        |                 |
| 7679 | 1 1/4           | 11,389 | 4 1/2           |        |                 |
| 7772 | 1               | 11,397 | 4 3/4           |        |                 |
| 8004 | 1 1/4           | 11,310 | 5               |        |                 |
| 8124 | 3/4             | 11,417 | 5               |        |                 |
| 8328 | 1 1/4           | 11,428 | 5               |        |                 |
| 8419 | 1 1/4           | 11,455 | 5               |        |                 |
| 8499 | 1/2             | 11,474 | 5               |        |                 |

1. Introduction

The purpose of this study is to investigate the effects of various factors on the growth of a certain plant species. The study was conducted over a period of six months, during which time the plants were grown under different conditions. The results of the study are presented in the following sections.

2. Materials and Methods

The materials used in this study were seeds of the plant species, which were collected from a local source. The methods used were standard techniques for growing plants in a controlled environment. The plants were grown in pots, and the conditions were controlled by varying the amount of light, water, and nutrients.

3. Results

The results of the study show that the growth of the plant species is affected by the amount of light, water, and nutrients. The plants grown under optimal conditions showed the highest growth rate, while those grown under sub-optimal conditions showed a lower growth rate. The results are presented in the following table.

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