Control Group

|  |  |
| --- | --- |
| week | average height ( cm ) |
| 1 | 0 |
| 2 | 1.23 |
| 3 | 2.63 |
| 4 | 4.03 |
| 5 | 5.70 |
| 6 | 6.47 |
| 7 | 7.40 |
| 8 | 8.05 |
| regression equation | y = 1.1325x -0.584 |
| average rate of growth | 1.1325 ( cm/ week) |

Potassium ( K )

|  |  |
| --- | --- |
| week | average height ( cm ) |
| 1 | 0 |
| 2 | 0.70 |
| 3 | 1.34 |
| 4 | 1.51 |
| 5 | 2.13 |
| 6 | 2.51 |
| 7 | 2.72 |
| 8 | 2.86 |
| regresson equation | y = 0.40 x - 0.0706 |
| average rate of growth | 0.40 ( cm/ week ) |

Magnesium

|  |  |
| --- | --- |
| week | average height ( cm ) |
| 1 | 0 |
| 2 | 1.10 |
| 3 | 2.23 |
| 4 | 3.42 |
| 5 | 4.01 |
| 6 | 4.82 |
| 7 | 5.30 |
| 8 | 5.30 |
| regression equation | y = 0.772x - 0.1791 |
| average rate of growth | 0.772 ( cm/ week ) |

Vitamin A

|  |  |
| --- | --- |
| week | average height (cm) |
| 1 | 0 |
| 2 | 0.70 |
| 3 | 1.34 |
| 4 | 1.51 |
| 5 | 2.13 |
| 6 | 2.51 |
| 7 | 2.72 |
| 8 | 2.86 |
| regression equation | y = 0.56x - 0.332 |
| average rate of growth | 0. 56 ( cm/ week ) |

Vtiamin C

|  |  |
| --- | --- |
| week | average height |
| 1 | 0 |
| 2 | 1.10 |
| 3 | 2.23 |
| 4 | 3.42 |
| 5 | 4.01 |
| 6 | 4.82 |
| 7 | 5.3 |
| 8 | 5.3 |
| regression equation | y = 0.772x - 0.1791 |
| average rate of growth | 0.772 ( cm/ week ) |

Results

The fastest growing group was the control group with an average growth rate of 1.135 cm/ week. It was followed by the Magnesium group with an average growth rate of 0.560 cm/week. The Vitamin A Group was third with an average growth rate of 0. 56 cm/ week. The two slowest growing groups were the Potassium and the Vitamin C Group with an average rate of growth of .400 cm/ week and 0.363 cm/week respectively.

*This Web Site is Best viewed with 256 or more colors.*

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