

Grace Snow
Magnetism and Plant Growth

The purpose of this project was to determine if magnetism has an effect on plant growth. I hypothesized that if I place one magnet on the bottom of a pot containing potting soil and radish seeds, then the radish seedlings will grow taller and have more leaves than pots with zero (0), two (2), three (3), or four (4) magnets because, one magnet best mimics the Earth's magnetic pull.

This experiment involved placing five radish seeds in medium pots with zero to four magnets taped to the bottom of each pot. The pots were exposed to lamp light for fourteen hours and were given fifty milliliters of water each day for thirty-two days. I collected data on plant height and the number of leaves twice during this time period.

The data collected did not support my hypothesis. The seedlings in the pots with two magnets were the tallest and had the greatest number of leaves.

In conclusion, the data showed that the seedlings in the pots with two magnets taped on opposite sides of the bottom of the pot, were on average the tallest and had the greatest number of leaves.