

Vincent Salinas
Magnetized Plants

The purpose of this experiment is to see if magnets can help the growth of plants. I planted bean seeds in 318.5 cubic centimeters of non-magnetic soil, so there would be no interference from the soil. There were three beans per pot, two pots per test and seven test groups. The groups included north and south oriented bar magnets taped to the side of the tray holding the pots, magnets directly below the tray, magnets resting on top of the pots and a control group. The pots with magnets on the sides of the trays had the earliest germination and increased height of plants. The control had one of the latest germination and were smallest at days 15 and 25. My hypothesis was somewhat correct in that the magnets did seem to help the plants grow. Placement of the magnet seemed to be one of the most crucial part of the experiment. This information could be valuable to hobbyist and greenhouse personnel. If I had a chance to repeat the experiment, I would continue growing the plants until they produced beans, try different strengths of magnets, and even different types of plants.