Electromagnetic Seed Germination

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The purpose of this project is to find out how electromagnetic radiation and the ionization of air affect a plant's growth and seed germination. If the plants are exposed to electromagnetic radiation and ionized air (ozone), it will have a positive effect on seed germination and negative effects on a growing food-bearing plant. To begin testing, cut the tops away from 16 milk jugs while avoiding the handle and fill with soil. Plant two sets (one control group and one radiated group) of each food-bearing plant with three bulbs in each jug except for the strawberries which is five bulbs. Using the enclosure with the tesla coil from the first year, place the radiated set of jugs and four extra radiated water jugs the calculated distance away from the source of radiation. Radiated water is for lemon tree testing (30 days). Exposure is set to two hour intervals. Controlled set of plants will be set aside from the source of radiation and will be used in comparison to the radiated plants. Allow plants to grow for 25 days. Keep documentation of measurements (cm) for both sets of plants, any mutations that may occur, as well as pH levels. After a month of experimentation, both groups of plants (controlled and radiated) did well, yet the radiated plants did grow less, matured faster, and increased in alkalinity thus providing conclusive evidence when compared to the normal that electromagnetic radiation emitted from radio towers and power lines do affect plant life surrounding them.

Awards Won: