

Trey Boger
Soil Solution

The researcher is doing this project to discover what type of soil plants grow best in. This can still help people because they will know what kind of soil to plant beans in.

Germination is the development of seed into a plant. Germination is defined in the dictionary as: "to begin to grow and develop." This refers specifically to plants.

The soil that I think will be the best for beans is the silt. Silt is high in many nutrients such as: nitrogen, phosphorus, potassium, calcium, magnesium, sulfur, boron, copper, iron, chloride, manganese, molybdenum, and zinc.

Plant two seeds in each container. Have five containers for each planting medium (Sand, Silt, Clay, and Potting Soil). Water 100 mL directly after planting then water 50 mL twice a week afterwards. When the plants have sprouted record the height of each plant in your Science Journal. Use the data to construct analyses graphs.

The results were good. Most of the plants grew high and healthy. In the variables the plants began to get top-heavy and began to bend over. This was not healthy for the plants because then they had a hard time getting water and nutrients to the highest parts of the plant.

In conclusion, silt grew the highest. The results did support the hypothesis that the silt would grow the best.