

Katie McCall
Give Me A Boost

Have you ever had trouble growing plants? Well you can try using more water, but sometimes you just need to use fertilizer. This project tested which fertilizer would make beans come up the tallest. Most of the time you need fertilizer if you use the same place every year to plant your food. The reason is the plants need fresh compost every year and they will eat out the nutrients. In this project, a measuring tape was used to measure the plants for five weeks. First put a bucket of dirt in each planter, pour three mL of each fertilizer in different planters, mix up the dirt, plant five beans in each planter, then water them and put a heat lamp over them. Measure them over the next five weeks. Last, replant the beans if needed. It was observed that the plant without fertilizer did the best. The best plant growth with fertilizer was Agri-Gro. The next best fertilizer was the NutriPlant SD. The Zinc Phosphate had the poorest results. The hypothesis was wrong. The plant that did the best was the one without fertilizer. This is proof that you should not put too much fertilizer on a bean or it will not grow as fast. It could possibly be that too much fertilizer was used.