

To collect data on the treatments, we measured the growth and color of each plant weekly during the five-week experimental period. Measurements were taken at the middle to end of each week. After the growing period, the plants were harvested. Each pot was harvested separately, the plants carefully removed as a group and the root ball washed to remove all vermiculite particles. The plants were then dried to eliminate excess water, and a wet weight of shoot and root were taken for each pot. The data were averaged by pot, treatment and week and the weekly treatment means were analyzed using a t-test comparison in Excel Spreadsheet to determine if any significant data was collected. Data significance would be determined by demonstrating a difference in the effect of varying *Rhizobium* concentration on plant growth and mass.