

Desarae Cruz  
*Xeriscape Grasses*

The purpose of this experiment is to find out which type of grass will last the longest without receiving any water. This investigation is important because planting a low maintenance, drought tolerant type of grass will save water and help to lower some people's water bills. The information gained through this experiment will help people to know what type of grass is the most drought tolerant type of grass is the most drought tolerant and requires the least amount of maintenance, thus helping people to know which type of grass to plant in their yard. In this experiment, four types grass, Buffalo grass, Blue Grama Grass, Crested Wheat grass, and Tall Fescue, will be grown and then starved of water. They will be starved until all of the grass has died. The scientist documented the growth and progress of the grass daily, until it dies. The hypothesis was supported because Buffalo grass was the longest lived grass, taking approximately 12.7 days to die off. The next longest lived type of grass was Tall Fescue which took approximately 11.3 days to die off. The third longest lived type of grass was Blue Grama Grass which took approximately 10.7 days to die off. The shortest lived type of grass was Tall Fescue which took approximately 7.3 days to die off.