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Dog-Gone Yellow Spots

The purpose of this experiment is to find a treatment for lawn burn. In this experiment, I am testing the affect high-protein dog food versus a low-protein dog food has on a lawn. I will select 2 different types of dog food that have the widest difference in amount of protein content. I will use the low protein food at night for 6 days and collect the first urine sample the next morning. I will pour urine samples onto appropriate plant every morning and record the data. I will then wait a few days for the dogs system to clear. I will feed the animal the high protein diet for the next 6 days and record data with the same procedure. The data collection for this project shows that the high protein dog food hurts the plants at a faster rate than the low protein dog food does. From the second day to the third day the control plant seems to stay the same. From day 1 to day 2, both of the high protein plants dropped two points lower. The low protein plants both dropped 1.5 points between day 2 and day 3. I had expected the plants to have a burned out look after the dog has urinated there. My hypothesis for this project was that the high protein dog food would cause the dog's urine to harm the plants at a faster rate than the low protein dog food. According my data collected my hypothesis was supported.