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Better Lawn Care?

An experiment was conducted to see if the pH level in soil effects how grass grows. 5 samples of each pH level were created and seeds were planted. Recordings were made every four days. It was concluded that a pH around neutral is optimum for grass growth. For the acidic samples Aluminum Sulfate was used to make a more acidic soil and Lime to make a more basic soil. The pH of 4 didn't even start growing until later in the experiment. For the pH levels 4.5 through 6 the grass grew but not as fast and as thick as the pH samples around neutral (6.5 and 8). In all of the samples drywall was added to see if it helped the grass grow any better. The only sample it helped was pH 5 by doubling the amount of grass blades. It was concluded that it is no help because it only dramatically changed one sample. In the initial experiment house hold remedies were also going to be tested. This didn't happen because they proved to be more of a fertilizer after further research. Finally, a portion of the hypothesis was inconclusive because of a surprise in the fifth recording of the control. The grass was withered and appeared dead. This was further researched and it was determined that this was likely a result of the soil being leached and losing its macronutrients and micronutrients.