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Wheat Growage

My purpose for this project was, because of the drought in the Arkansas Valley, to see what liquid out of orange juice, milk, water, 7-Up, Coca Cola, lemonade, and Hawaiian Punch would grow a wheat plant the best. My question was: What liquid will grow a wheat plant the best? I hypothesized that Coca Cola would grow the wheat the best.

The steps I took were that I had to buy all of my liquids except for water and then get my styrofoam cups and fill them to the top with soil. After that, I had to plant my seeds and water them with the designated liquid (I wrote what liquid to put on the cup). Next, I waited until day 7. When day 7 came around, I watered the same plant as before. Once I got done watering the plants I recorded the data after school every day (I recorded results on all the days including day 1). My most important variables were that I had to keep my amount of soil and liquid the same in each cup.

The results I found had me conclude that, out of these 7 liquids, water grew the wheat plant the best. A close second was milk which grew only 4 inches less than water. Orange juice did not grow the wheat, instead, it grew only mold. If I was to do this experiment again I would take out orange juice and choose coffee instead because I have been told that it grows plants much better than water.