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*Growing Green*

Six immature corn plants were tested to find the affects of Indoleacetic Acid (IAA) on their growth. Three control plants had water applied to them and the other three IAA plants had 4.8ml of IAA applied to them at 100ppm (Parts Per Million) foliarly. The IAA plants' growth rates were expected to be faster after IAA application than the control plants' growth rates. The corn plants were transplanted from a germination pallet to their individual containers, this was damaging to the plants and the plants roots. Two Control plants died and one IAA plant showed no positive growth ruling that the transplantation was an unneeded variable that effected the results of the test. This unneeded variable in the test caused the test and results to be invalid. If the test was ran again each corn plant would be germinated and grown in their own individual containers so they would not need to be transplanted, leaving the test with valid results.