

Our research question was: Does Marion mi garden soil need fertilizer to have a better germination rate.

We predicted that...The soil with Burpee seed starting mix(fertilizer) will have a better germination rate.

We chose our question because...our class has been experimenting with corn plants and seeing which was the biggest. Adding fertilizer was are biggest question and now we see that adding fertilizer helps the plants in there beginning stage.

Experimental Design

- What is the 'independent'/cause variable you are testing?

The fertilizer and soil.

- What is the 'dependent'/effect variable you are testing?

How many seeds grew.

- Describe what you did to make this a fair test.

We used 4 pots and only changed the soil.

Our conclusion:

- What is the answer to your question? Include supporting data!

Over the 8 days we have been testing Does Marion mi garden soil need fertilizer to have a better germination rate. In the 8 days we have had 4 plants germinate out of the 10 in Marion mi garden soil with fertilizer and 2 plants out of the 10 in just Marion mi soil. This data lets us prove that Marion mi soil needs fertilizer to improve the germination rate of the plants!

During this experiment we have picked up more questions than answers like is Marion mi soil the same all around this test may continue for future experiments this was only the beginning !

- What would you do differently if you were to do your investigation over? My Evaluation: BE SPECIFIC!!!

If we did it again we would do the exact same thing to possibly find a change in the experiment. We would also add a couple of more days to the experiment to find a change