

Growth of Fast Plants

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Introduction/Rationale

The purpose of this project is to see what if type of water fast plants grow in. We were interested in this project because we wanted to learn more about growing plants.

Research Problem

What type of water do fast plants grow in the best – rain water, distilled water or tap water?

Hypothesis

We thought that the distilled water would make the plants grow faster because it was pure and it's like the water that we drink.



Materials and Methods

Materials:

- 1 pack of fast plants(mustard seeds)
- Distilled water
- Rain water
- Tap water
- Classroom Greenhouse
- LED light
- Ruler



Method

We started the seeds by putting seeds in petri dish, and then replanted the small plants in small peat pots. We watered different pots with distilled, rain, and tap water after it was big enough to be planted in a pot and measured each plant from the base to the end of the longest branch with a ruler each day to see which one grew faster.

Discussion of Results

Rain water did the best, they were healthy, Tap water also did good were also healthy, Distilled did good at the beginning but towards the end they didn't do so good. If we did this project again, we would change the way we watered the plants and the potting soil we used.

Conclusion

Apparently, our hypothesis was wrong, it turned out to be that rain did the best. We think it was because it was natural water.

References and Acknowledgements

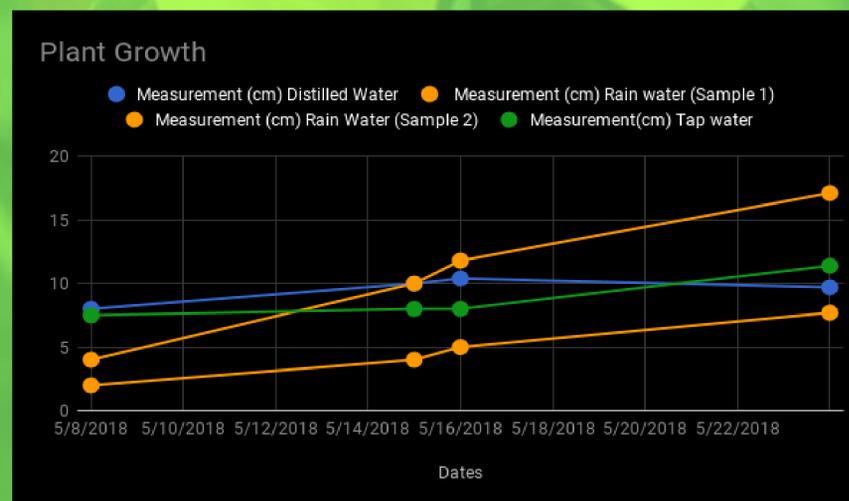
References:

- ❖ <https://sciencing.com/wisconsin-fast-plants-6773714.html>
- ❖ <https://fastplants.org/grow-fast-plants-2/>

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Results



The distilled water turned out to be the worst and all the plants died. But the tap water was not all that bad the plants actually grow a lot. The best results we had were the rain plants -- they grew the tallest and also they had flowers before all the rest of the plants.