

3/23/18.

We started planting the nasturtium seeds. We water them with 50 milliliters. They have not grown yet but we are positiv that they will. We are planting our controls in a red solo cup and are experimental in a tower garden.

3/26/18

We water the plants again with 50 milliliters. The plant in the tower garden started to grow but the plants in the sunlight did not. Plant number one is the only one that grew. This plant is in the tower garden.

3/27/18

We water the plants again. The plant in the tower garden plant number one, has grown 1.2 centimeters tall. Plant number 3 in the Tower garden has started to sprout, but is not yet measuridle. The plants in the soil is still wet so we are not going to water them every day.

3/28/18

Today we did not water them today because we don't think they need it. They still look very wet from the last time we watered them. Plant #1 in the tower garden grew and is now 3 centimeters tall. Plant number 3 is .3 centimeters tall. Some of the other seeds have started to sprout but they are not measurable.

3/29/18

Today we only water one of our plants because it looked bry. Plant #1 is now 4.7 centimeters tall and looks really green. Plant number 2 is 3 centimeters tall. Plant number 3 at the window is 1.5 centimeters tall. Plant number 3 is growing into the wool on the tower garden so we can measure it.

3/30/18

Today we actually water our plants with 50 ml of water. Plant # 1 at the window is 3 centimeters tall. Plant #2 at the window is 3.5 centimeters tall, plant #3 is 1.5 centimeters tall and plants#4 has not grown yet. The tower garden plants are growing nicely, plant # 1 is 6 cm tall, plant number #2 is 5.5 centimeters tall, plant #3 is .5 cm tall and is curly. And again plant number 4 has not yet grown.

4/2/18

Absent

4/3/18

Today we did not water our plant because they are damp. They have all grown well and we are noticing that they are growing well. Plants near the window also grew taller than the tower garden plants except for #4 in the window plant.

4/5/18

Today we water the window plants. We observed that the plants in the tower garden are why more leafy than the ones by the window, the tower garden plants are 9cm . The ones near the window are a lot taller than the plants in the tower garden.

4/6/18

ABSENT

4/9/18

ABSENT

4/10/18

Recycled percussion

4/11/18

DARE

4/12/18

C1- 32 centimeters, looks floppy, this plant is taller than all the tower garden plants but has less leaves

C2- 25.8 centimeters tall, is very floppy looks really green

C3- 26.6 got knocked over

C4- 17.2 centimeters long, has the most leaves out of all of them

T1- 17.8 centimeters tall, has a longer stem but less leaves stem is green

T3 - 13.6 its in a cluster the stem is green but is still sort of in a knot at the end has lots of little leaves

T4 - 15.4 cm smaller green leaves but a red/green stem that branches off a leaves

4/17/18

Tower garden plants are doing well and still growing

Watered the window plants

Window plant #1- 31.6 cm

Window plant #2- 24.7

Window plant #3- 27.1

Window plant #4- 30

Tower garden #1- 18

Tower garden #2- 18.6

Tower garden #3- 15

Tower garden #4- 17.7

We did not water today

4/20/18

C1 - floppy leaves- darker green, stem - lighter green 15 leaves 32.4 cm

C2 - very tangled, lots of leaves stems are in almost a knot 24.9 cm
C3 - almost dead, stem- bent, purple/green leaves- 7, white center 28.7 cm
C4 - flopping over now stem - light green part purple leaves - 6 dark green 30.8 cm
T1 - super leafy darker green looks like a mini tree 18.9 cm
T2 - purple stems a lot darker have tons of leaves 19 cm
T3 - purple stems a lot darker have tons of leaves 15.2 cm
T4 - purple stems a lot darker have tons of leaves stem in a knot 18.3 cm
We watered the plants today

Conclusion

Our prediction was supported! Our prediction was that the plants in the grow tower will grow and mature faster than the control. The plants in the grow tower did grow and mature faster by 1.125 cm. Also the plants in the grow tower started to sprout first. Lastly we had no problems in the experiment except one of the plants was knocked over.

Graph

