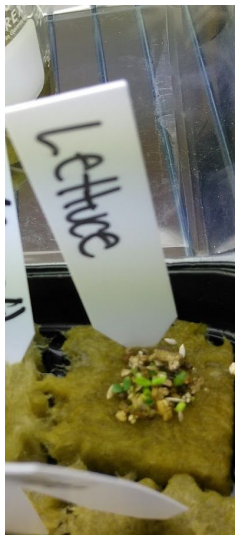





Table #1: Lettuce Growth over Time

<u>Lettuce</u>	<u>Quantitative Observation (units)</u>	<u>Qualitative Observation</u>	<u>Predictions/Inferences</u>	<u>Questions</u>	<u>Pictures</u>
1/13/17	At it's earliest stage, the Lettuce, about 2 days after being planted in the containers under the sunlight, our healthy lettuce plant is growing in only one small stem with two leaves branching out. All looks good.	PH: 7.0	The lettuce will probably continue to bloom at a fast rate.	How long will it take for the lettuce to grow a large stem?	
1/17/17	After just 4 days, the immense growth can truly be seen in how our plant sprouted largely and now resembles a bush or shrub with many different branching stems and leaves and it just looks beautiful and healthy.	PH: 7.0	Soon our lettuce will be able to be transplanted to the tower garden.	What factors contribute to the lettuce growing so quickly in such a short amount of time?	
1/25/17	It still looks absolutely beautiful and is growing well in that it continues to sprout more and more leaves. This time, however, more purple leaves are growing in as	PH: 7.0	Lettuce leaves will be coming very soon.	Does lettuce naturally grow this fast or is it because of aeroponics?	

	<p>well.</p>				
<p>1/31/17</p>	<p>This might've been the most enlightening area of growth that was visually seen because the plant finally started to sprout lettuce leaves. It still resembles a bush in this stage with minimal stems being able to be seen.</p>	<p>PH: 7.0</p>	<p>The plant will be fully in bloom and edible by the 10th of February.</p>	<p>How soon will the plant be fully edible?</p>	





2/1/17	Surprisingly, in just a day, the lettuce started sprouting more stems. There are also more leaves whose tips are spread out.	PH: 7.0	The plant will start to grow edible lettuce soon.	How does lettuce regrow after its leaves are taken off?	
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Table #2: Basil Growth Over Time

<u>Basil</u>	<u>Quantitative Observation (units)</u>	<u>Qualitative Observation</u>	<u>Predictions/Inferences</u>	<u>Questions</u>	<u>Pictures</u>
1/13/17	There is no growth for the basil, but we are sure that it will grow at some point.	PH: 7.0	The basil will grow by next week.	What does Basil look like and how long does it usually take to grow?	

1/17/17	There is a small growth of one basil leaf; you can smell it if you are close enough	PH: 7.0	The basil will have more growth soon.	Does Basil grow like lettuce does, in a bush?	
1/25/17	The basil has more growth, and should be ready to go into the tower garden.	PH: 7.0	The basil will grow more and will be transplanted to the tower garden.	Why is the basil so small? Does it grow in a reserved, bean-like shape?	






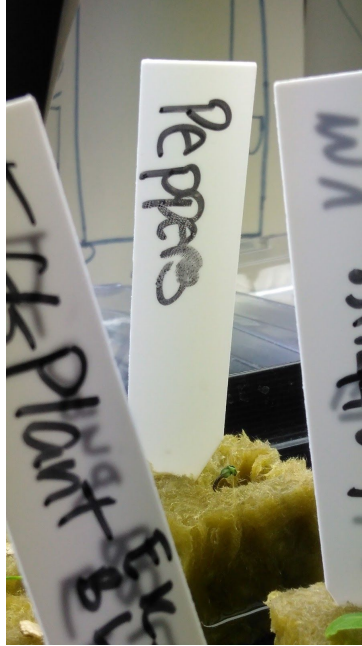
1/31/17	The basil has been transplanted to the tower garden, has grown a little bit.	PH: 7.0	The basil should grow more in the upcoming days.	It's already been this long but the Basil is still very small... Is this natural even in a soil-based environment or did we mess up?	
2/1/17	The basil has shown no significant growth.	PH: 7.0	The basil should grow more in the upcoming days.	Will the basil branch out more, as in more horizontally or more vertically?	

Table #3: Peppers Growth Over Time

<u>Pepper</u>	<u>Quantitative Observation (units)</u>	<u>Qualitative Observation</u>	<u>Predictions/Inferences</u>	<u>Questions</u>	<u>Pictures</u>
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1/13/17	There is no noticeable growth neither any roots when looked at from below (not pictured)	PH: 7.0	The pepper plant is slow in terms of growth and will continuously grow slowly.	Do the peppers grow in vines or in normal stems?	 <p>(The plant to the left whose tag is undecipherable.)</p>
1/17/17	The pepper plant still shows no growth, but we are still holding out hope for it.	PH: 7.0	The pepper plant is slow in terms of growth and will continuously grow slowly.	Do peppers grow better spread out or together?	

1/25/17	Still no growth. It still looks a bit sad by itself in a sea of other plants. We believe in you and support your growth.	PH: 7.0	The pepper plant is slow in terms of growth and will continuously grow slowly.	Did we mess up somehow in the beginning process? We are sorry small pepper plants.	
1/31/17	It grew a little stem finally so we know it's good.	PH: 7.0	The pepper plant is slow in terms of growth and will continuously grow slowly.	We knew it could do it, but I wonder how long it will take for it to grow into fruition if growing it took this long to get this far?	
2/1/17	The seems to be a small growth of the pepper plant, which means that it is finally starting to grow. Good job buddy, we knew you could do it.	PH: 7.0	Although the is a slow growth, the pepper plant will continue to grow.	Will the plant be in fruition by the end of the March? Small pepper plant till take its time, and we respect that.	

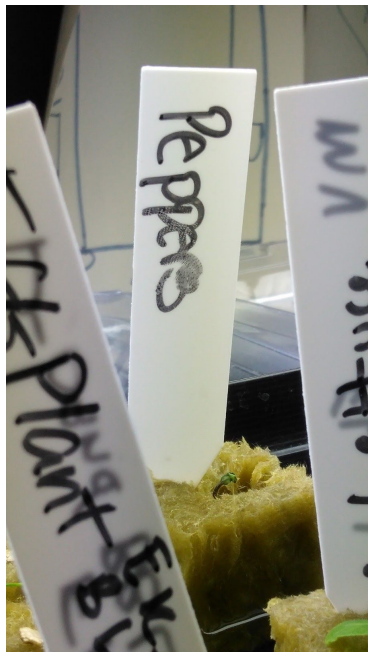
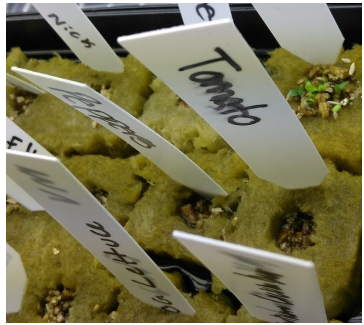



					
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Table #4: Beefsteak Tomatoes Growth Over Time

<u>Beefsteak Tomatoes</u>	<u>Quantitative Observation (units)</u>	<u>Qualitative Observation</u>	<u>Predictions/Inferences</u>	<u>Questions</u>	<u>Pictures</u>
1/13/17	There is not growth for the tomatoes, but we are looking forward to seeing some type of growth.	PH: 7.0	The tomatoes should grow soon.	If tomatoes grow largely in vines or on stems, how much space will it take up by the end of its growth?	 <p>(The plant whose tag clearly says "Tomato".)</p>

<p>1/17/17</p>	<p>There is significant growth to the tomatoes, multiple stems.</p>	<p>PH: 7.0</p>	<p>The tomatoes should grow in the upcoming days.</p>	<p>Our plants are growing faster than many others' plants. Why is this?</p>	
<p>1/25/17</p>	<p>The tomato sprouted many more stems and leaves that are a tad darker than it was before.</p>	<p>PH: 7.0</p>	<p>The tomatoes are ready to be transplanted to the tower garden.</p>	<p>It's clear that they don't grow on vines, so how do they grow?</p>	

<p>1/31/17</p>	<p>The tomatoes' stems are now resembling jaden smith's hair and has sprouted like a jungle, in all of its glory. It still looks darker in color, however.</p>	<p>PH: 7.0</p>	<p>The plant will start growing exponentially in the next week.</p>	<p>How many tomatoes are normally available in one sitting after growing for a long time?</p>	
<p>2/1/17</p>	<p>No significant growth, a bit lighter in color that the day before. (That picture is A-1 quality.)</p>	<p>PH: 7.0</p>	<p>We expect continous growth.</p>	<p>How largely will they grow if they are one of the bigger plants? Why do the tomatoes already look so beautiful even without any tomatoes?</p>	