HYDROPONICS

Christianna, Adam, Christef, Sergio, Eric, Jordanna

What is Hydroponics?

The process of growing plants in gravel, sand, or liquid with nutrients, but not soil.

How does hydroponics work?

Hydroponics is a method of growing plants in water based. Hydroponics does not use soil, instead the root system is supported

Christianna

Where is hydroponics used

Hydroponics are used mostly in China followed by Canada, Brazil and the United States of America. These areas are the largest producers of hydroelectricity.

Adam

Why is Hydroponics used

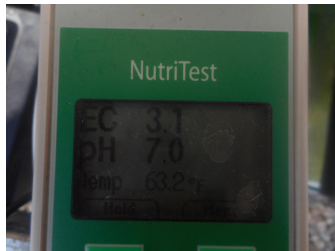
Hydroponics is used to eliminate soil, it also eliminates diseases. This reduces water and air pollution this is important because if the plant gets harmed by pollution it will most likely not grow.

By Eric

What we do during our time in the greenhouse. (ph level)

We measure the pH level in the water using a pH measurer

We can also measure it with a mixture of the water and drops that that turn colors indicating the pH level. These things are done so our plants can grow and have the right substances they need. I measured the ph on the first day, I took off the cap and swirled the indicator into the hydroponic water. The measurement for the first day was 7.0 which was the right amount of ph.
Christef



Who would use hydroponics?

The people that would use hydroponics is the hydroponics farm. The reason why they use this is because hydroponics eliminates soil so there is no need for pesticides. Hydroponic nutrients solutions are recycled recirculating systems.

Christianna

What were the measurements taken?

The measurements were taken because we wanted to make sure that the plants were growing correctly. If they aren't that means that we were doing something wrong in our process of growing the plants. Our measurements for our plants grow was pretty good. I would give it on a scale of one to ten an 8. The reason why I gave our measurements an 8 was because I plants were growing in the direction that we wanted it to go until the one time that we went to the greenhouse.

Jordanna

As you see we have Jordanna taking our PH