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Project Green Challenge Greener



Items

- Laptop-333 liters of water
 - Shirt-2,700 liters of water
 - Washing Machine- 45 gallons
 - Bananas->100 gallons per. Pound
 - Carpool-39,090 / 4 gallons of water
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- I'm surprised by how much water is needed to make singular laptop! I thought it would take much less water to produce any of these things, and thinking of them at a larger scale is so concerning, considering how much water is wasted daily.

Explanations

- The reason that laptops require 333 liters of water individually(during production), is because each computer chip is made with 37 liters of water itself. This is a lot of water getting used, creating less and less for valuable necessities.
- Shirts are made with large amounts of water, especially cotton shirts. They require about 2,700 liters of water each. This is one reason why people should resort to purchasing hemp shirts instead, as that is much more sustainable.
- On a daily basis, washing machines use about 45 gallons of water per load. This is a huge waste of water.
- Bananas need less than 100 gallons of water in order to produce a pound of bananas. This is quite a bit of water.
- I use carpool as a form of transportation daily. The amount of water it takes to make a car, divided by the four of us creates a huge amount of water being wasted.

Alternatives

A couple of alternatives for these things that would have a smaller water footprint, are using a bicycle, re-wearing your clothes a second time if you only wore them for a small amount of time, and eating FLOSN foods, so that there is less water involved in the production, or importing of the item.



The image is a screenshot of a Facebook post from Sabira Cveta Ahmic. The post is titled "For the Greener Challenge of #PGC2017, I calculated the water footprints of objects I use daily, such as a washing machine, and technology such as a laptop. I found out that there is a lot of water being wasted in order to produce clean clothes, or even devices." The post includes a section titled "FACTS:" followed by the text: "The reason that laptops require 333 liters of water individually (during production), is because each computer chip is made with 37 liters of water itself. This is a lot of water getting used, creating less and ... See More". Below the text is a large blue water drop icon containing various white icons representing different items and processes: a water tap, a recycling symbol, a cow, a person, a washing machine, a laptop, a car, a t-shirt, a hand, a glass, a bowl, and a piece of fruit. The screenshot also shows the Facebook interface with a search bar, navigation tabs (Sabira, Home, Find), and a sidebar with various menu options like News Feed, Messenger, Watch, Marketplace, Shortcuts, Explore, and Events. The Windows taskbar is visible at the bottom of the screenshot.