Lunar Farm Development Roadmap

Plan based on idea #4. See attached spreadsheet for more information into how the steps fit in a calendar year.

Steps:

1. Employ a team of genius researchers from all relevant fields to develop improvements current vertical farming technology

* Required time: 120 days
* Working personnel: 50 people of different backgrounds
* Budget: 15 milllion $
* Resources: Cutting edge lab equipment

1. Lobby the most powerful governments of the world for a temporary lease on the land that’s under their jurisdiction for farming purposes

* Required time: 150 days
* Working personnel: 15 Blue check marks from Twitter
* Budget: 2 million $
* Resources: WiFi, Phones

1. Train workers to be highly specialised in all of the operations a plant would require be handled during it’s lifecycle

* Required time: 180 days
* Working personnel: 50 top 1% agricultural teachers and 1000 trainees
* Budget: 10 million $
* Resources: Production level equipment, A ton of patience

1. Utilise the same research team from step one to look into growth speed and yield improvements of the crop that is going to be used

* Required time: 120 days
* Working personnel: The 50 people from step 1
* Budget: 7.5 million $
* Resources: Cutting edge lab equipment, peak crop specimen to test and improve on

1. Start building the farms on the freshly leased land using the new technology we’ve developed

* Required time: 100 days
* Working personnel: 250 builders, architects and civil engineers
* Budget: 100 million $
* Resources: Diggers, Cranes, Spaceships

1. Once again employ our world leading research team to look into ways to automate the processes of planting, harvesting, fertilisation and weed control

* Required time: 90 days
* Working personnel: You guessed it the team of 50 researchers with a few software engineers and a DevOps added on top
* Budget: 15 million $
* Resources: Cutting edge lab equipment, Server infrastructure

1. Contract a company to handle the logistics of bringing the product back to Earth

* Required time: 60 days
* Working personnel: 100 astronauts
* Budget: 25 million $
* Resources: Spaceships, Storage space

1. Implement automation techniques from our new research

* Required time: 75 days
* Working personnel: 10 automation engineers from the batch of 1000 trained workers + a few engineers to look after the server structure
* Budget: 3 million $
* Resources: New machinery for automation, server infrastructure