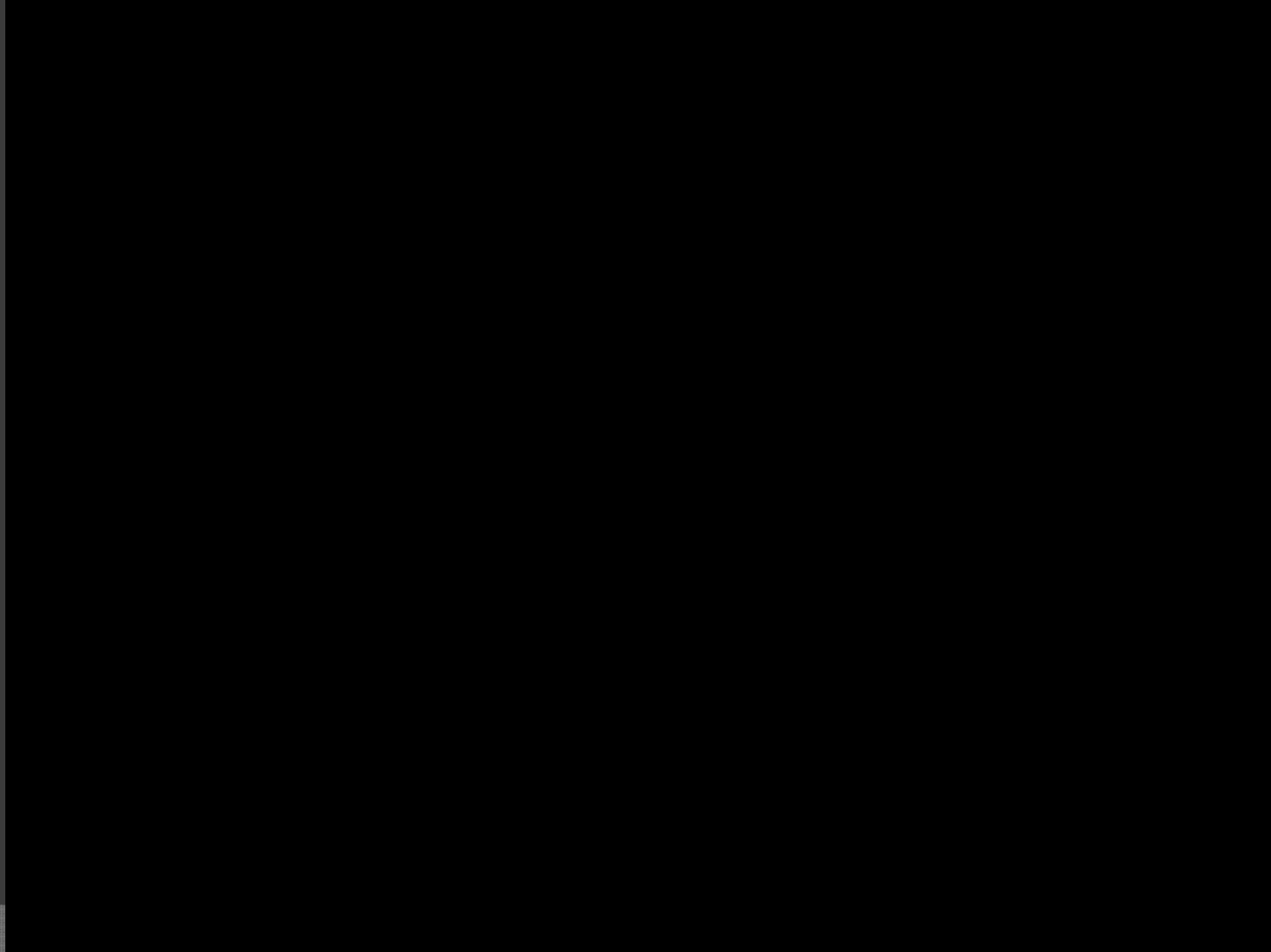


FROM TABLE TO SPACE

Presented by:
Leslie Preston Meredith
& Michael Goodman

What is the ethical choice for People, Animals & the Planet?

<https://www.youtube.com/watch?v=wzxF-rfGeJg>



Apple dissection

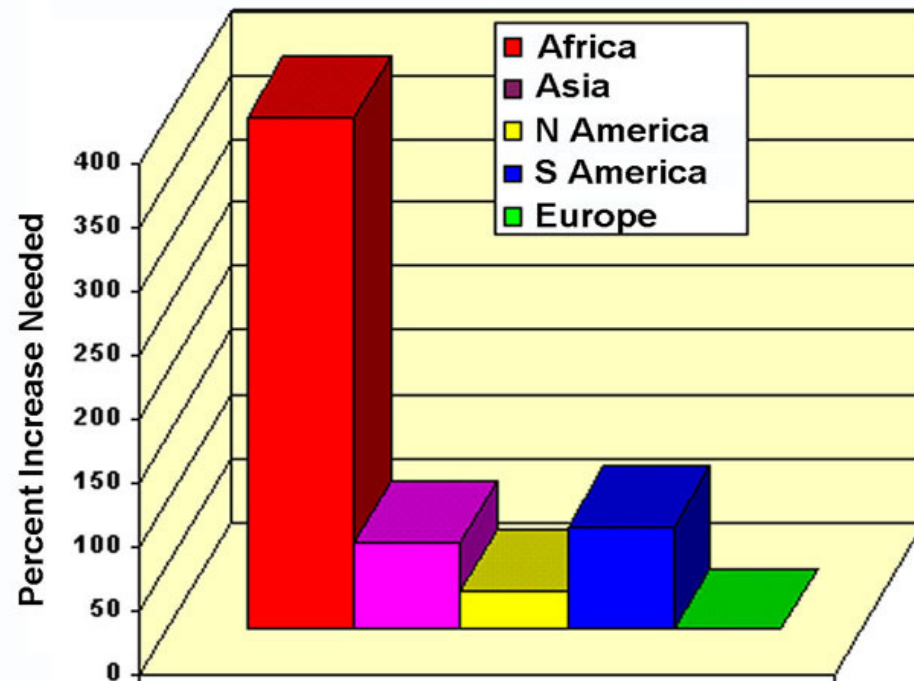
- ⦿ The peel is to the apple as the crust is to Earth.
- ⦿ The meat is to the apple as the mantle is to Earth.
- ⦿ The core/seeds are to the apple as the core is to the Earth.



How can we feed more with less?

- ✓ What options do we have to feed our growing population?
- ✓ Is space an option?

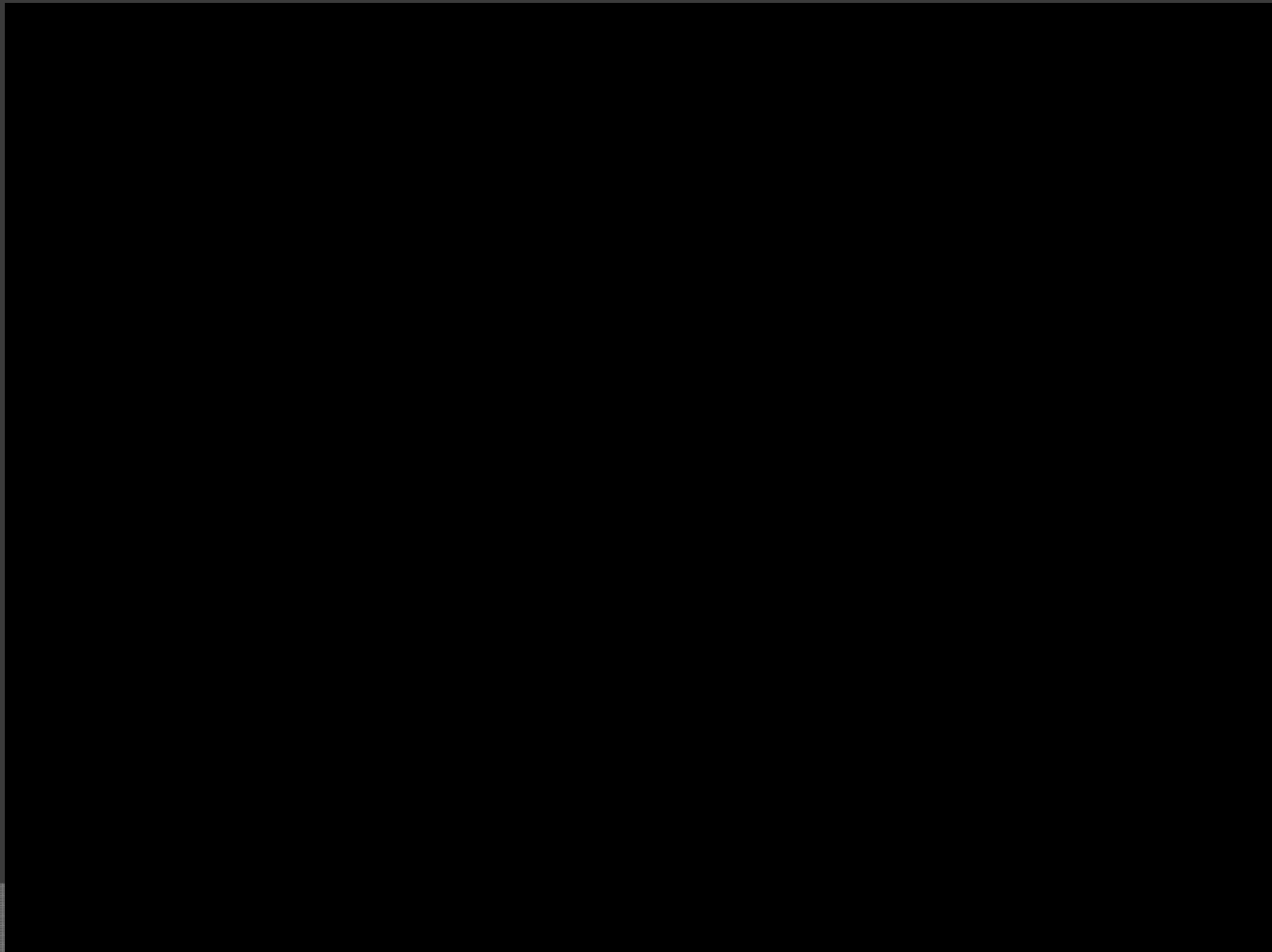
Estimated Food Production Needed to Feed World Population in 2045



Data from United Nations Food and Agriculture Organization
Graphic by Facing the Future

Lettuce in Orbit

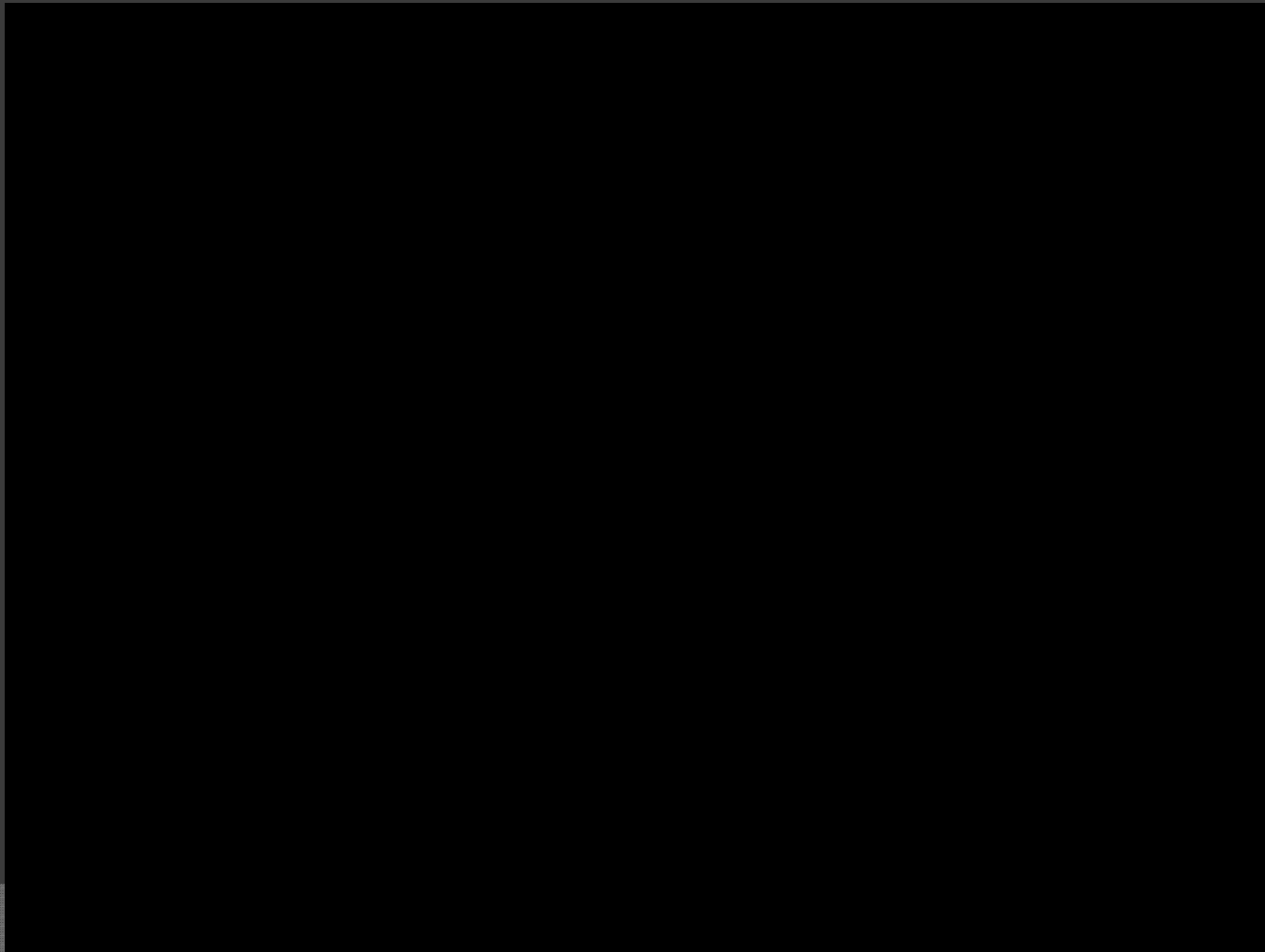
- ◎ **ScienceCasts: Lettuce Orbits Earth -- A New Form of Life Takes Root on the ISS** <https://www.youtube.com/watch?v=YFdwv9yrxD0>
- ◎ **Article:** http://science.nasa.gov/science-news/science-at-nasa/2014/25apr_lettuce/



Eating in Space

- **Chris Hadfield's Space Kitchen**

<https://www.youtube.com/watch?v=AZx0RIV0wss>



Design a Rocket

- ◎ 1 SHEET COMPUTER PAPER
- ◎ 1/2 SHEET COMPUTER PAPER
- ◎ 2 INDEX CARDS
- ◎ TAPE
- ◎ SCISSORS
- ◎ RULERS (*optional*)
- ◎ * *1/2 inch PVC PIPE TO HELP MOLD YOUR FUSELAGE*

NASA's paper rocket

- ◎ http://er.jsc.nasa.gov/seh/Paper_Rockets.pdf

Launchers

- ◎ <https://www.google.com/search?q=nasa+paper+rocket+launcher&safe=active&source=Inms&tbm=isch&sa=X&ei=IZFLVajXM4SbNonkgIAI&ved=0CAoQAUoBA&biw=1280&bih=887>