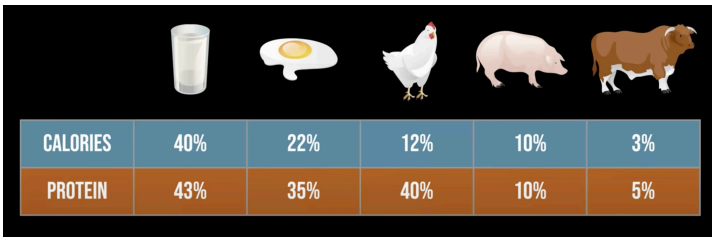
The Science of Food and Its Connection to Climate Change

Let's consider: What can WE do to Live into the Climate Justice Corporate Witness of PYM?



CALORIES	40%	22%	12%	10%	3%
PROTEIN	43%	35%	40%	10%	5%

For every 100-plant calories fed to beef cattle, 3% turn into edible calories. For every 100-plant calories fed to animals for milk, 40% turns into edible calories. Etc.

37% of the Earth's surface is used for either growing crops or grazing animals, the land mass of South America and Africa combined

75% of this land mass is used for animals, either grazing or growing animal feed

Resulting in:

- Destroying habitats & biodiversity – 1/3 of Earth's tropical forests have been cleared for agriculture, primarily grazing cattle and growing palm oil
- Collapsing water resources and water systems – 70% of water used for food production is used for irrigation
- Pollution – fertilizer and animal waste added to lakes, streams, and coastal oceans causes algae blooms and degrades water quality and the ecosystem
- Climate change – 22% of carbon dioxide, methane, and nitrous oxide are created by the food industry. When electricity, transportation, and food waste is added, that number grows to 34%



