

## Modern Agriculture Effects

### Part 1



Intro to Environmental Science  
DartmouthX

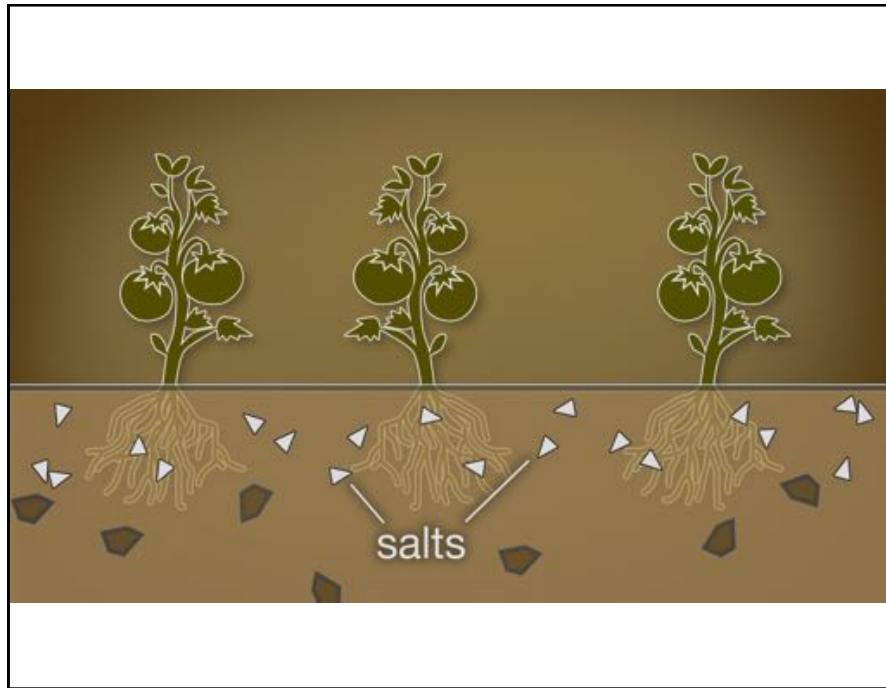
**Succession:**  
the natural process of  
change and development  
in an ecosystem over time

**Energy subsidy:**  
amount of energy required  
for each calorie  
of food produced

Four calories of  
fossil fuel energy...



yield one calorie of  
energy in corn



**Monoculture:**  
growing one crop species  
in a given area