

Food and Soils Review



Intro to Environmental Science
DartmouthX

Humans began farming
more than 10,000 years ago



**Organic
agriculture:**
enhances soil,
no synthetic
fertilizers or
pesticides



Sustainable agriculture:

- enhances soil
- minimizes fossil fuel use
- allows economic viability for the farmer

Mineral material in soil
comes from weathered
rocks below the soil



Soil forming factors:

- parent material
- climate
- topography
- organisms
- time

Organic material
comes from decomposing
plant matter above the soil





Clay and organic matter content greatly influence cation exchange capacity (CEC)