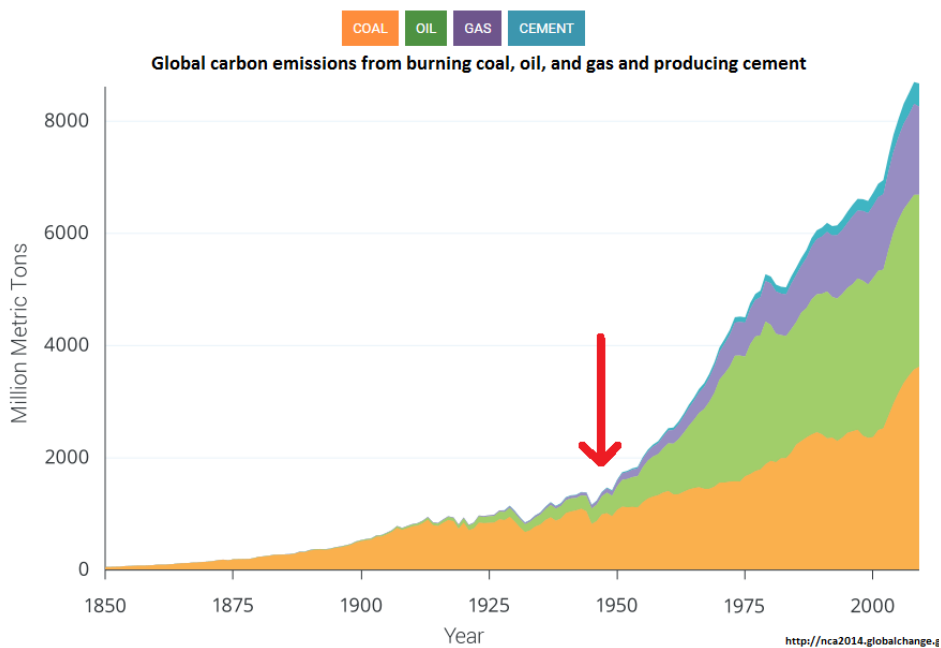


### Quiz 1 for Module 1: Introduction to Ag-Energy

1. What are the three top fuels we receive our energy from in the United States?
2. What does “nonrenewable” mean?
3. What is indirect energy use? Give an example.
4. What is direct energy use? Give an example.
5. Is the demand for agricultural products shrinking or growing?
6. Which of the following causes the Greenhouse Effect?
  - A. Stronger sunshine causing faster plant growth.
  - B. Gases in our atmosphere that trap heat.
  - C. Satellites reflecting light into our atmosphere.
  - D. All of the above.
7. What are the three main greenhouse gases affecting global climate change?
8. What is the important function of snow caps, glaciers, and ice in terms of the Greenhouse Effect?

9. An increase in ocean acidity is one effect climate change is having on the **global** climate. Give three more impacts of climate change on the **global** climate.
  
10. Soil erosion is one effect climate change is having on **agriculture**. Give three more impacts of climate change on **agriculture**.
  
11. Why might an earlier spring negatively impact pollinators?
  
12. What is one solution we can use on the farm to combat climate change?
  
13. What event in history resulted in the explosion of agricultural growth as indicated on the chart below? What might coal, oil, gas and cement be used for during this period?



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