

- 1) What contribution to the modern nitrogen cycle did Fritz Haber and Carl Bosch make?
- 2) How does their contribution benefit humanity?
- 3) How does an overabundance of reactive nitrogen negatively impact the environment and human health?
- 4) What are the links between reactive nitrogen and climate change?
- 5) Which “hotspot” of nitrogen fertilizer use is the largest in the world?
- 6) What do they argue are, and are not, the possible solutions to fixing the nitrogen problem?
- 7) What is precision farming?
- 8) What would be the impact on fertilizer use in the United States if all Americans ate a typical Mediterranean diet?
- 9) In what way is solving the nitrogen problem more difficult than solving the carbon problem?
- 10) What innovative approach has the American Farmland Trust used to reduce the amount of fertilizer used by agriculture?