The Importance of pH for Food Crops

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

1. List the soil samples and corresponding pHs found in the lab:
2. List three crops on the list that could be grown in each soil type, according to pH.
3. How does the pH of soil affect the release of nutrients in the soil?
4. Explain the difference between deficiency and toxicity. How are they similar or different?
5. If the pH of the soil is too low to grow the crops you want, how would you raise it? What if the opposite were true?