

Kincaid's Lupine and Soil Questions

Field Biology

This assignment is required for all 7th period Field Biology students who do NOT attend the field trip to Fitton Green on 11/2/2009. When you are done, e-mail your assignment as a Microsoft Word attachment to dan.bregar@corvallis.k12.or.us with the subject line "per X your name KL Soil Questions"

Answer the following questions in one full paragraph each. Use research from internet sites to find the information to answer the questions; after each response include citations using the APA format from this on-line resource: <http://citationmachine.net/index2.php?reqstyleid=2>. If you use more than one website for a paragraph, include citations for both websites.

1. What is "plant growth rate" - how is it calculated, and what measurements are necessary?
2. How can soil pH affect plants and plant growth?
3. How can soil nitrogen levels be measured?
4. How does soil nitrogen affect plant growth, and what do plants use nitrogen for?
5. What is "soil texture" and how is it measured?
6. How does soil texture affect soil moisture and nutrient levels?
7. How is soil texture important for plant growth?