

Sample Quiz - Soils

NUTR 241A

QUIZ 1

September 29, 2005

Name: _____

1. Briefly explain the difference between soil *structure* and soil *texture*.

2. Two common soluble forms of nitrogen in the soil water solution are nitrate (NO_3^-) and ammonium (NH_4^+). Which would you expect to present a greater hazard of leaching to groundwater, and why?

3. CRP fill-in the blanks:

- a. Begun in _____ (2 pt)
- b. Motivated by _____ (3 pt)
- c. Money comes from _____ (2 pt)
- d. Used to rank farms for selection _____ (3 pt)
- e. CREP, a subprogram of CRP, differs from the parent program in several ways.
Name one: _____ (2 pt)
- f. Is CRP subject to annual appropriations bills? Yes or no? _____ (2 pt)
- g. How many states have land enrolled in the CRP? _____ (2 pt)
- h. How long are CRP contracts? _____ (2 pt)
- i. Why are counties limited in how much CRP land they can enroll? _____ (3 pt)
- j. Is CRP a voluntary program? Yes or No? _____ (2 pt)
- k. As a farmer wanting to enroll land, as you make a bid, what is a good strategy to use? _____ (2 pt)
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4. The Conservation Security Program (“Reward the Best and Motivate the Rest!”) was made law as part of the last farm bill. Besides the desire to reward farmers for their land stewardship, what other policy objective motivated the Congress to pass this so-called green payment program? _____ (10 pt)
5. What is the main thesis of Geography of Hope? Do you agree? _____ (15 pt)