

SOILS and NUTRIENTS QUIZ

Name: _____

| Question | | Answer |
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| 1. Soil texture refers to: a. How it feels as a result of different sized particles b. How wet it is c. How soft it is d. How deep the top soil is | | |
| 2. Clay soils have moderate to high nutrient holding capacity. a. True b. False | | |
| 3. Sandy soils are the most fertile. a. True b. False | | |
| 4. Rapidly drained soils lose nutrients and plants wilt sooner. a. True b. False | | |
| 5. Depth of soil means: a. Distance from topsoil to bedrock b. Distance from topsoil to where it gets dry c. Distance from surface to layer that retards root penetration d. Distance from surface to parent materials | | |
| 6. What is organic matter in the soil? a. Weathered rocks b. Plant and animal remains in various states of decomposition and the microorganisms c. Anything besides rocks d. All the nutrients | | |
| 7. Increasing organic matter by 1-3% reduces erosion by: a. 1-3% b. 10% c. 15-20% d. 20-30% | | |
| 8. Which material has a higher carbon to nitrogen ratio and can therefore deplete available nitrogen? a. Grass clippings b. Leaves c. Straw d. Sawdust | | |

SOILS QUIZ continued

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| <p>9. pH of soil measures the:</p> <ul style="list-style-type: none">a. Possible hydration levelb. Acidity/alkalinity levelc. Amount of fertilizerd. Amount of minerals in soil | | |
| <p>10. What is a complete fertilizer?</p> <ul style="list-style-type: none">a. One that contains all three of the macronutrientsb. One that contains all the nutrients a plant needsc. One that contains carbon, nitrogen and uread. One that contains macro and micro nutrients | | |
| <p>11. Which number in a 5-10-15 fertilizer represents the proportion of nitrogen?</p> <ul style="list-style-type: none">a. 5b. 10c. 15 | | |