

Evaluation

Circle the letter that corresponds to the best answer.

1. Fertilizer recommendations for which of the following are given on the soil test report under "Pounds per acre"?
 - a. N_3
 - b. P_2O_5
 - c. KO
 - d. N_2O

2. Which of the following does not affect the amount of nitrogen needed for the soil?
 - a. Cropping option
 - b. Soil texture
 - c. Organic matter
 - d. Neutralizable acidity

3. What does the salt pH of the soil indicate?
 - a. Acidity of the soil
 - b. Amount of phosphorus
 - c. Ability to hold nutrients called cations
 - d. Nitrogen content of the soil

4. What information is found in the yield goal section of the soil test report?
 - a. Level of production selected for the crops
 - b. Fertilizer recommendations for yield goals
 - c. Previous yields from that field
 - d. Current levels of soil nutrients

5. Dolomitic limestone can be used to add _____ to the soil.
 - a. Phosphorus
 - b. Potassium
 - c. Nitrogen
 - d. Magnesium

Complete the following short answer questions.

6. How many tons of limestone should be applied per acre if the ENM from the soil test is 950 and the ENM of the limestone is 500?

7. How can a soil test report be used to determine the probability of yield response to the application of fertilizer?

8. How is the data that is provided in the soil test information section of the report used?