

Evaluation

Circle the letter that corresponds to the best answer.

1. 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

Correct answer is d.

2. 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

Correct answer is a.

3. 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

Correct answer is a.

4. Dolomitic limestone can be used to add _____ to the soil.

- a. Phosphorus
- b. Potassium
- c. Nitrogen
- d. Magnesium

Correct answer is d.

5. 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?

Correct answer is 1.9

The rest are essay questions.

Complete the following short answer questions.

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?