

Word Search

Objective: Identify vocabulary associated with soil tests.

Directions: Using the clues provided on the following pages, circle the terms connected with soil tests that are hidden in the puzzle. Words may be horizontal, vertical, or diagonal.

H E L P Q R C I C M A G N E S I U M O R D R F Y S I D L T
A C I D I T Y I P I D Z O K O G N F Q K Z F R T V N R H Y
M O M O A F T M R C P D O L O M I T I C Q X N T R E H Z I
R S E O M E D V H R O N Q P N O D Y E N V E D H H U E A E
P T A P M F F K V O A I F E O F R Z I Q I F T Y Q T M H L
R H P E R W H W I O I T E D I J H N J R R E P D P R V L D
R P O R O S E T F R A R Y W R F L C T N P P R R P A I Y E
S Q M S O I L I T G A O O L J B I U J J L T Z O G L S A N
T O M O P I V U U A N G F E N R N G A G R A N G M I O L T
Z Y P N F H H A K N Q E O J Z O B J E J N W D E Q Z N P S
I X Q R A F O T Y I Y N A D R C S A M P L E C N M A M N N
Z I N C U V D R V S O C T C M J W M H J L N F U N B E B J
A C L A O B Q B U M F V I Q O R G A N I C U E N M L N L M
B H A C F A L Y B S Z M O M F A Z T D S A M R S P E T P J
D Z D G K D S H K A F G N P B C G S E J Q U T E S Y J Z Y
V E M C B N C P O T A S S I U M G R H I L X I P N P U R B
N U E Q O F E A S O L F U R Q G U B E X R Z L E J X O A L
A H A I O Z C X B B U M N C G T J X J U L U I L L T P O R
M D T A F H F A D M B C X U X C A G D S Z A T Q A W T M D
B A A K R B Y Z L E F A M E F B G C S I Z M Y R E T I S L
C D U B M D H A U C Y D T B H X B R G K L J O T A O O O D
U A R A T I N G C B I B N P G D Y B K A U B Z L X B N M Q
A B M D A F M B K D X U B X B I G Y G R A C M L S Y S W L
B F E R T I L I Z E R K M Y R C J C J L T P A T A Z T O C

Clues:

1. Effective neutralizing material is used to calculate the amount of _____ needed.
2. Positively charged nutrients; calcium, magnesium, potassium, hydrogen
3. _____ acidity
4. Abbreviation for effective neutralizing material
5. _____ limestone may be applied when both lime and magnesium are needed.
6. Zinc, manganese, iron, and copper
7. The way the soil _____ is taken may influence the results of the test.
8. Proper pH levels provide a good environment for soil _____.
9. K
10. Decayed plant material; _____ matter
11. The amount of nitrogen added is determined in part by the soil _____.
12. The fertilizer recommendation is designed to provide recommendations for the nutrients needed to meet yield goals and improve soil _____ over time.
13. pH indicates the _____ of the soil
14. Zn
15. A section under Nutrient Requirements; cropping _____
16. Phosphorus and potassium are added in the _____ mix.

17. _____ tests
18. P
19. The rating for _____ levels is based on the soil pH.
20. Dolomitic limestone contains calcium and _____.
21. Neutralizable acidity measures the exchangeable _____.
22. N
23. Samples are sent to a _____ for testing.
24. The soil test _____ indicates the relative level of each nutrient tested.
25. _____ goal