

Presentation Notes

Presentation What is pH

Lesson 3.2

Notes from Presentation:

-What is pH?

- pH is the measure of acidity or alkalinity in a substance such as soil
- Acid is a term used for a substance with a pH value less than 7.0
- Alkaline (aka, Base) is a term used for a substance with a pH value greater than 7.0

- pH Scale

- pH is measured on a scale of 0-14
- pH value of 7.0 is neutral
- The pH scale is special in that each pH point multiplies the pH factor by 10
- Ex. a pH of 5.0 is 10 times more acid than pH 6.0 and 100 times for acid that pH 7.0

- Who care about pH

- plant producers-- a correct soil pH allows plants to uptake soil nutrients required for growth and health-- certain soil nutrients become unavailable at different pH levels
- animal producers-- nutrient uptake in digestion
- agricultural scientists-- food preservation

- Buffers

- Chemical substances that neutralize acids or bases when added to a solution

AFNR Reflection Page

List five key points that are important to remember from this presentation.

1. pH is the measure of acidity or alkalinity
2. pH value of 7.0 is neutral
3. pH is measured on a scale of 0-14
4. Alkaline
5. Acid

List three ideas or concepts that this new information has in common with previous things learned.

1. Animal producers
2. Ag producers
3. Plant producers

List questions or ideas that remain unclear about the information presented that should be asked for clarity at the appropriate time.

N/A