Available Phosphorus – Bray 1 extraction

Video Notes

• What is “available” phosphorus?

• What soil characteristic is very important in choosing a P analysis method?

• What soil types is the Bray 1 extraction appropriate for?

Extraction Procedure

• Weigh ______ g of sample

• Add ______ mL of extraction solution

• Shake for ______ minutes

• Filter through ____________________ filter paper

• Why do you need to rinse the tube and stopper?

• Why do you need to use a volumetric flask?
  o How do you fill it to an exact volume?
  o How many times should you invert the flask for full mixing? How fast?

• How do you store the sample until it is analyzed?

• What will the extract be analyzed for?
  What instruments can be used?

Additional comments or notes: