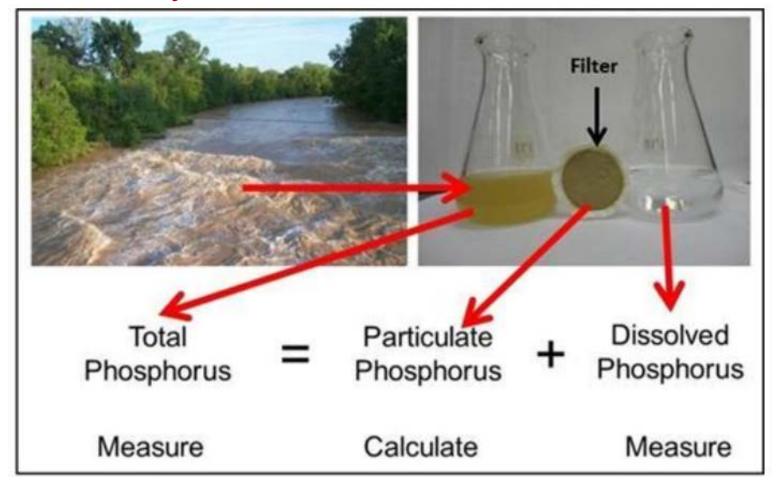
Soil Sampling Home Gardner Workshop Sam Custer, Extension Educator April 13, 2015

Why worry about soil and nutrient management?

Grand Lake St Marys

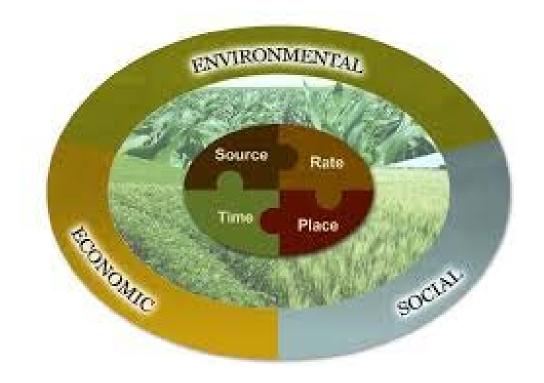


Water Quality and Nutrients



So what should I do?

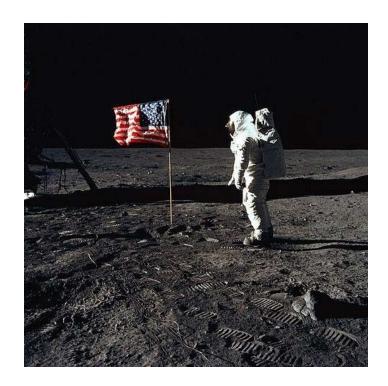
- 4 R's
 - Right Source
 - Right Rate
 - Right Time
 - Right Place





Soil Sampling

Call NASA?





Soil Sample Procedures

- When should I sample?
- What tools do I need?
- How do I take a soil sample?
- How do I process the sample for submission?
- What tests are available?
- How long does it take to get the results?





Soil Sampling Schedule

- Every two or three years
- Fall or spring
 - Fall to beat the rush in the spring and to adjust soil pH



What tools do I need?



Taking the Sample

- Sample when the garden is suitable for tillage
- Remove the top debris, residue or sod from the soil surface before taking the sample
- Sampling depths
 - 6-8 inches for conventional tillage
- Take representative samples
- Take at least 15 cores per area in a zig zag pattern





Processing the sample

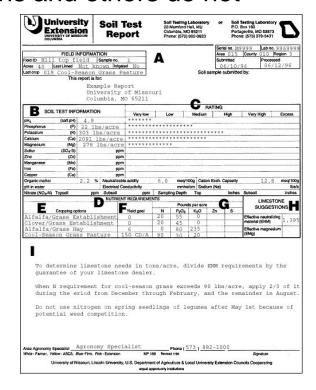
- Contact a soil testing lab for instructions, soil test kits and appropriate forms
- Break up cores and air dry the sample at room temperature





Results

- Typically results are mailed within two weeks
- Some come with recommendations and others do not





Questions?

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