Soil Sample Collection

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What does my turf really need ?

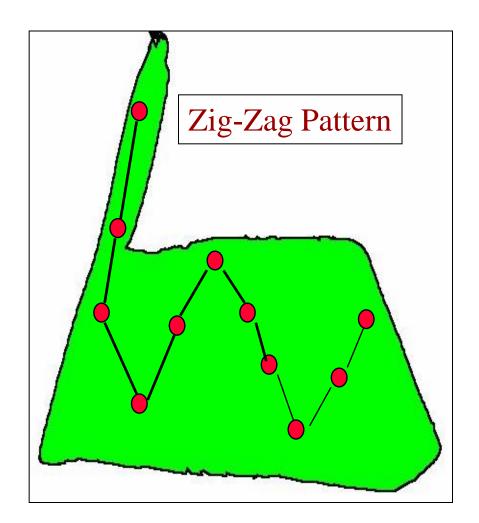
Get a soil test Check pH, P, K And

Soil Sampling

• To determine average nutrient levels take 7-10 cores about 6" deep in a zig-zag sampling pattern across the area.



Typical soil-sampling pattern



When to take soil samples?

- For most areas, take soil samples every 2-3 years.
- Take samples about the same time of year to reduce variation in the results due to seasonal fertility fluctuations.

Soil sample collection instructions

- Sample each area separately and label the samples with the area ID.
- Mix all samples from an area together to make a composite sample.
- Be sure the soil is DRY and debris free before submitting sample.
- Soil tests are free to Arkansas residents.

Submitting the soil sample

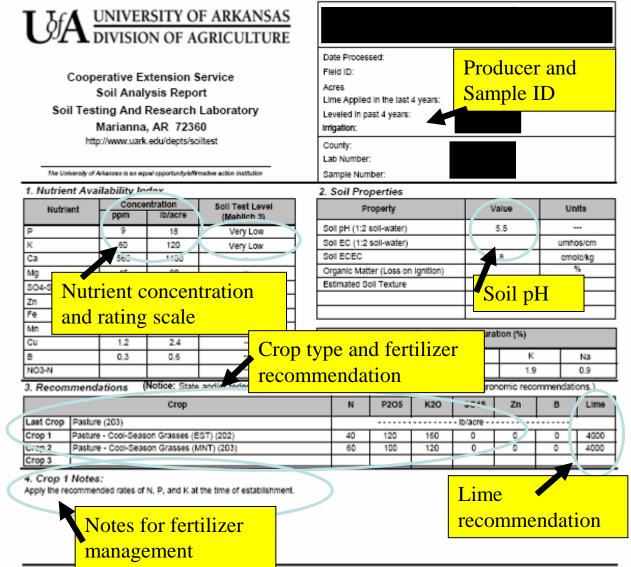
Take your soils sample to your local county extension office with the following information:

- Area ID for each sample
- Previous crop grown
- Crop to be grown
- Irrigation Source
- Previous Lime application history

A basic routine soil test includes:

- pH
- PHOSPHORUS (P)
- POTASSIUM (K)
- CALCIUM (Ca)
- Magnesium (Mg)
- Sodium (Na)
- Iron (Fe)
- Sulfate (SO₄)
- Manganese (Mn)

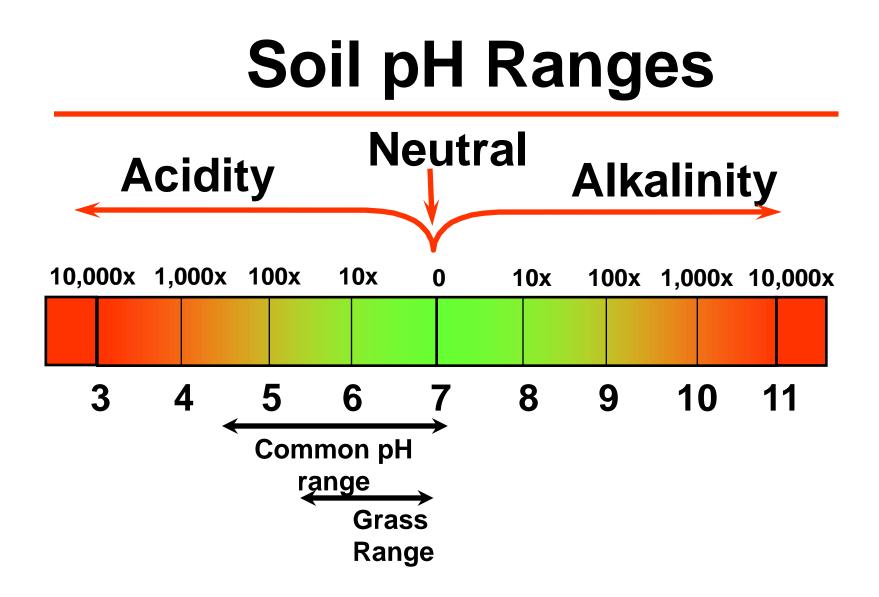
- Copper (Cu)
- Zinc (Zn)
- Boron (B)
- Salinity
- ECEC
- Fertilizer recommendations for up to 3 years



5. Crop 2 Notes:

Apply the recommended rate of N, P, and K in late winter. For higher production apply an additional 50 ib N/Acre after every 4 to 6 weeks of grazing. For fail/winter grazing, apply 50 ibs N/Acre in late summer.

6. Crop 3 Notes:



How Soil pH Affects Availability of Plant Nutrients

