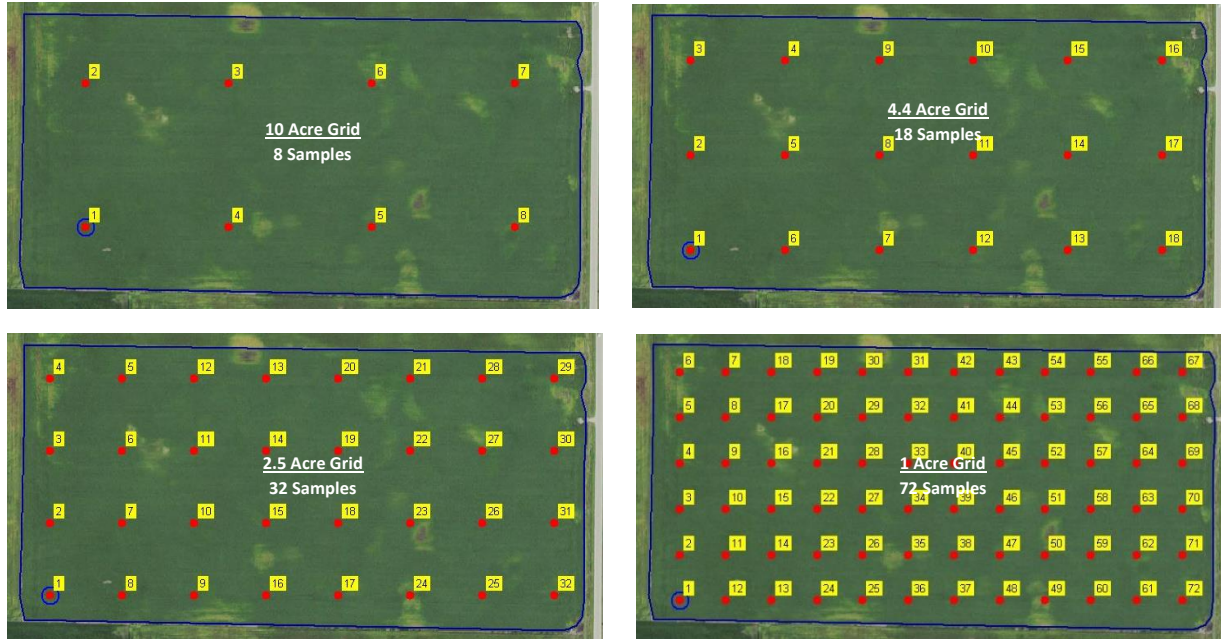


## Soil Sampling Decision-Making Guide

### Choose Sampling Grid Size

Grid Size comparison across a typical 80 acre field:



### Choose Soil Testing Package

**BASIC:** P, K, pH, BpH, OM

**BASIC PLUS:** P, K, pH, BpH, OM, CEC, Ca, Mg, % Base Saturation

**BASIC SELECT:** P, K, pH, BpH, OM, CEC, Ca, Mg, Zn, S % Base Saturation

**COMPLETE:** P, K, pH, BpH, OM, CEC, Ca, Mg, Zn, S, Cu, Fe, Mn, B, % Base Saturation

### Considerations and Additional Information

- The **more** samples collected, the **greater** the precision for Variable Rate Technology (VRT) fertilizer recommendations
- Cost per acre **increases** as number of samples collected and testing **increase**
- Manure Management Plan legal requirements:
  - No single sample can represent more than 10 acres (minimum 10 Acre Grid required)
  - Samples must be collected at least every 4 years