

# SOIL FERTILITY

## THE KEY TO GROWING YOUR PROFIT



€  
PRODUCTIVE  
LAND

1

### SOIL TESTING

- Know your soil fertility so you can plan your fertilizer.
- The cost of soil sampling is low relative to the cost of fertilizer.

2

### SOIL pH & LIME

- Low pH reduces fertilizer efficiency
- Target pH for grassland = 6.3
- Target pH for tillage = 6.5

3

### TARGET INDEX 3 FOR P & K

- Low fertility soils (Index 1 & 2)  
⇒ Apply additional fertilizer
- High fertility soils (Index 4)  
⇒ A resource and can save you money

5

### NUTRIENT BALANCE

- Choose a fertilizer compound that has the correct balance of N, P, K and S.

4

### SLURRY & MANURES

- Where to spread?  
Apply to fields with a P & K requirement.
- When to spread?  
Apply during Spring - cool and moist weather