

APPENDIX B

Soil Testing Procedures

(Soil Test Results)

Soil samples for soil tests should not represent more than 2.5 acres. The fields will be sub-divided into units of approximately 2.5 acres for soil sampling and nutrient planning purposes. Soil sampling depth for P and K shall be 7 inches. Under no till conditions pH can be tested using the top 4 inches only.

Soil samples shall be collected and prepared according to The Illinois Agronomy handbook. Take soil samples prior to manure application (e.g., Mid Autumn). Since manure will typically be applied to soybean stubble anticipating a corn crop in the spring, soil tests should either be taken in corn stalks or soybean stubble prior to manure application. Wait 9 months after manure application before soil testing.

Soil testing shall include analysis for any nutrients for which specific information is needed to develop the nutrient plan. Request analyses pertinent to monitoring or amending the annual nutrient budget, e.g. pH, electrical conductivity (EC), soil organic matter, nitrogen, phosphorus, and potassium.

Soil Analysis

The minimum analysis for Illinois is to include:

- pH
- Phosphorus (P as indicated by Bray P1 test)
- Potassium (K)

{INSERT SOIL TESTS}