



# Key Agricultural Services, Inc.

114 Shady Lane • Macomb, IL 61455 • (309)833-1313

## Mine Soil Analysis Information Sheet (Use separate sheet for each field)

ID

Date

FOR OFFICE USE ONLY

Samples Submitted:

Location:

Name

Mine Name

Address

Site

City State Zip

Depth of Sample \_\_\_\_\_

Site No.

No. of Samples From This Site

### COMPLETE THE FOLLOWING FOR FERTILIZER RECOMMENDATIONS

Legume in Rotation? (1) Yes (0) No

Kind of Soil (Select Number From List)

Crop to be Grown (Select Number From List)

Yield Goal (Bu/A or Tons/A)

Previous Crop (Select Number From List)

Yield of Previous Crop (Bu/A or Tons/A)

Alternate Crop to be Grown (Select Number From List)  
(Optional)

Yield Goal of Alternate Crop (Bu/A or Tons/A)

### Check Tests Desired

#### Routine Fertility for Reclamation and Cropping:

pH (soil), pH (buffer), available phosphorus (P1), P2 phosphorus, exchangeable potassium (K), exchangeable magnesium (Mg), exchangeable calcium (Ca), exchangeable sodium (Na), exchangeable hydrogen (H), sum of bases cation exchange capacity (CEC), and base saturation.

Net Acidity/Alkalinity (neutralization potential, potential acidity, pyritic sulfur)

Bulk Density

Soil Texture (pipette method)

Coarse material greater than 2mm

Physical weathering potential

Sand sieve analysis (USDA)

Soluble Salts

Organic Matter

Residual nitrate

Micronutrients: Iron, zinc, manganese, copper

Boron

Sulfate sulfur

(Other tests by request.)

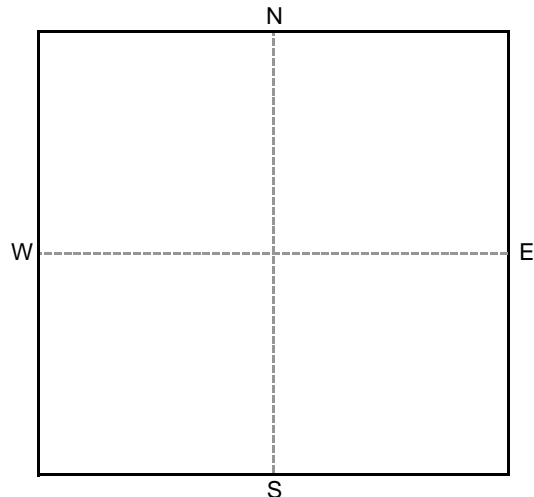
### SOILS

1. Dark colored silty clays and silty clay loams
2. Light- and medium-colored silty clays to silty clay loams, dark colored silt and clay loams
3. Light- and medium-colored silt and clay loams, and medium-colored loams, dark colored sandy loams
4. Light-colored loams, light- and medium-colored loams, sands
5. Muck and Peat

### CROPS

- |                                   |                 |
|-----------------------------------|-----------------|
| 1. Corn                           | 8. Garden       |
| 2. Oats                           | 9. Lawn         |
| 3. Soybeans                       | 10. Grass       |
| 4. Corn Silage                    | 11. Dry Beans   |
| 5. Wheat                          | 12. Sugar Beets |
| 6. Legume (Alfalfa, Clover, Etc.) | 13. Potatoes    |
| 7. Wheat-Soybean (Double Crop)    | 99. Other _____ |

### Sample location map



Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_