### INFORMATION SHEET FOR SOIL RESEARCH SAMPLES TO BE ANALYZED USING DRY METHODS

**FULL NAME**

**DEPARTMENT**

(Off-campus researchers please list complete mailing address on back of form.)

**CAMPUS PHONE**

**E-MAIL** (print clearly)

**ISU ACCOUNT TO BE CHARGED***

**TOTAL NUMBER OF SAMPLES**

***Samples will NOT be accepted without the above information.

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**PLEASE READ PRIOR TO SUBMITTING SAMPLES:**

- All samples covered by this info sheet should require the same analysis. If not, divide into separate groups.
- Samples covered by this info sheet should be numbered with **SIMPLE, CONSECUTIVE** numbers (ex: 1, 2, 3, … 100)
- Samples submitted with ID numbers that do not comply with this request may incur additional handling fees.
- Please note that dried subsamples are measured for extraction using volumetric (scoping) technique.
- Samples that are too small to scoop properly may be assessed a weighing fee.
- Ground portion of the soil is saved for 1-2 months. If you require the ENTIRE sample to be saved, a charge of $0.50 per sample will be assessed. Bulk/sub-samples should be retrieved within two months of completion of analysis. **Check here if you require the ENTIRE sample to be saved:**

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**Fixed handling fee:** $3.00 per sample

**Sample prep fees:**

- dry & grind ________ $2.50
- grind only ________ $1.00

***NOTE: a 3% surcharge will be added to the total charges when payment is made using external funding sources. Checks only, please - credit cards not accepted.

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**CHECK DESIRED TESTS (prices are per sample)**

**Standard fertility test package:** Dry soil Mehlich3 K and P, pH & Buffer pH, organic matter ________ $12.00/sample

**Phosphorus (colorimetric):**

- Bray-1 ($2.50)
- Olsen ($2.50)
- Mehlich 3 ($2.50)

**Potassium only (read on AAS):**

- NH4OAc ($2.00)
- Mehlich 3 ($2.00)

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**NH4OAc Extraction (read on ICP)**

- ($3.00 for first element + $0.75 each additional)
- K
- Mg
- Ca
- Na

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**DTPA Micronutrients:**

- ($5.00 + $0.75 each additional)
- Zn
- Cu
- Mn

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**Inorganic-N (colorimetric):**

- NO3-N ($3.50)
- NH4+-N ($3.50)
- NO3-N plus NH4+-N ($6.00)
- NO2-N ($3.50)

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**Total Elements (via nitric acid microwave digestion; digest is read on an ICP):**

- $8.50/sample for digestion procedure
- $3.00 for first analyte, $0.75 for each additional analyte

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**Optional analyses:**

- pH (1:1) ($3.00)
- Sikora buffer pH ($3.00) [must include pH]
- Inorganic Carbon ($6.00)
- Electrical Conductivity ($6.00)
- Hot water Boron ($5.00)
- Sulfate-S (PO4 extracted) ($5.00)

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**Combustion Analyses:**

- TC ($5.00) Note: Regression equation
- TN ($5.00) available upon request to
- OM ($5.00) calculate OM from TC
- Any two ($9.00)

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**Greenhouse Media (SME):**

- packaged analysis ($20.00)
- (includes P, K, Ca, Mg, pH, EC, Zn, NO3-N)

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**Check here for duplicate analysis** (all analytical prices except drying and grinding fees will be doubled).

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**NOTE:** Please be aware that the length of time considered to be a "reasonable time frame" will vary based on the number of samples in the group submitted and the analyses requested by the researcher.

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**Note:** All prices are subject to change. Revised July 2014.