

SHIPPING SAMPLES AND THE BILLING PROCESS

Training for County Extension Offices on UK Soil Laboratory Services

Division of Regulatory Services

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Instructions for shipping SOIL
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Type of Sample Tested: SOIL

Reason for test:

Assess nutrient and acidity levels in soil so adequate fertilizer and lime recommendations can be made.

Tests performed:

The routine test includes pH, buffer pH, phosphorus, potassium, calcium, magnesium, and zinc. A vast majority of soils are tested for the routine test. Several optional tests are available and listed at <http://soils.rs.uky.edu/costs.htm>.

Where to Send Sample:

For Routine and Optional Tests send to
LEXINGTON LAB:
Soil Testing Laboratory
University of Kentucky
103 Regulatory Service Bldg.
Lexington, KY 40546

For Routine Tests send to
PRINCETON LAB:
Soil Testing Laboratory
University of Kentucky
Research and Education Center
P.O. Box 469
Princeton, KY 42445

Container for Sample:

Soil bags are used for samples sent to Lexington. Soil boxes are used for samples sent to Princeton. Soil boxes can be picked up at the Princeton lab. Soil bags or soil boxes can be picked up or ordered from the Lexington lab. To get to the order form log into your county web page at <http://soils.rs.uky.edu/CountyData.htm> using your 3-digit County Code as the username and using your zip code as the password. Click on "Order Soil Supplies from Lexington" to open the order form.

Identification on container:

Client's name and field name in the middle of the bag. Three-digit number identifying the county (County Code) in the left box and four-digit number the county assigns the sample (County Sample Number) in the right box on the bottom of the bag.

Paperwork to accompany the sample:

With SoilData program

Using the SoilData program, the county office emails detailed sample information to the Soils Lab and prints a packing slip to mail with samples.

Without SoilData program

The Agricultural; Home Garden, Home Lawn, & Special Turf; or Commercial Horticultural Soil Sample Information Sheets are filled out and mailed with each sample. These forms are available at <http://soils.rs.uky.edu/SAMPLE1.HTM>

Important check!

For either type of paperwork, it is important to make sure the four-digit County Sample Numbers on the sample containers match the four-digit County Sample Numbers on the paperwork submitted with the samples.

Paperwork for optional tests:

Several optional tests are available and listed with two-digit codes at <http://soils.rs.uky.edu/costs.htm>.

With SoilData program

Select the optional test code in the "Formless Entry" window at "Test to be made:". A separate packing slip will be printed for optional test samples which should be shipped to Lexington.

Without SoilData program

Place the two-digit code for the test on a yellow Post-It note and tape it to the sample information sheet.

Special precautions for triazine test:

Atrazine and simazine are tested to assess potential carryover of these herbicides that could cause harm to tobacco from a preceding year of corn growth. If this test is requested on a soil sample, no other test can be performed on that sample. If a routine nutrient analysis is also desired, the sample should be split into two containers. Mark the container for the triazine test with a red X to alert the laboratory that the sample is special.

Shipping boxes for samples:

Cardboard boxes to fit 6 or 18 soil samples are available from the Princeton lab for pick-up or from the Lexington lab for pick-up or delivery. To order them from Lexington, log into your county web page at <http://soils.rs.uky.edu/CountyData.htm> using your three digit County Code as the username and using your zip code as the password. Click on "Order Soil Supplies from Lexington" to open the order form.

Report:

Laboratory results and recommendations are provided on the report with the routine test and the optional triazine test. Laboratory results alone are provided for all other tests.

With SoilData program

Data for the report will be emailed to the County Extension Office and the data is imported into the SoilData program for printing and archiving.

Without SoilData program

The report is sent to the County Extension Office as an email attachment that can be opened using Word.

Type of Sample Tested: WATER

Reason for test:

Assess nutrient and acidity levels in water used for irrigation and nutrient solutions. This test is not for assessing drinking water quality standards.

Tests performed:

The test includes pH, alkalinity, electrical conductivity, nitrate, phosphorus, potassium, calcium, magnesium, zinc, copper, iron, and manganese.

Where to Send Sample:

LEXINGTON LAB:
Soil Testing Laboratory
University of Kentucky
103 Regulatory Service Bldg.
Lexington, KY 40546

Container for Sample:

250-ml plastic sample bottles which are ordered from the Lexington Lab. Log into your county web page at <http://soils.rs.uky.edu/CountyData.htm> using your three digit County Code as the username and using your zip code as the password. Click on “Order Soil Supplies from Lexington” to open the order form.

Identification on container:

Client’s name, three digit number identifying the county (County Code), and four digit number the county assigns the sample (County Sample Number). The County Sample Number does not have to be part of the sequence used for soil samples.

Paperwork to accompany the sample:

The Water Source and Nutrient Solution Submission Form is filled out and mailed with each sample. These forms are available at <http://soils.rs.uky.edu/SAMPLE1.HTM>. Make sure the three digit County Code and four digit County Sample Number on the form is the same as on the sample container.

Shipping boxes for samples:

You can ship the sample in a 6-unit soil sample box or another box that the sample fits in. Make sure there is plenty of padding in the box to keep the sample stationary. To order 6-unit soil sample boxes from Lexington, log into your county web page at <http://soils.rs.uky.edu/CountyData.htm> using your 3 digit County Code as the username and using your zip code as the password. Click on “Order Soil Supplies from Lexington” to open the order form.

Report:

A report with laboratory results is emailed to the County Office as an attached file that can be opened with Adobe Acrobat Reader. A report with laboratory results and recommendations from Dr. Robert Anderson in the Horticulture Department is emailed to the County Office as an attached file that can be opened with Word.

Type of Sample Tested: GREENHOUSE MEDIA

Reason for test:

Assess nutrient and acidity levels in greenhouse media used for potting mixes.

Tests performed:

The test includes pH, electrical conductivity, nitrate, phosphorus, potassium, calcium, and magnesium.

Where to Send Sample:

LEXINGTON LAB:
Soil Testing Laboratory
University of Kentucky
103 Regulatory Service Bldg.
Lexington, KY 40546

Container for Sample:

Sample bags used for soil are used to submit greenhouse media. To order soil sample bags log into your county web page at <http://soils.rs.uky.edu/CountyData.htm> using your 3 digit County Code as the username and using your zip code as the password. Click on "Order Soil Supplies from Lexington" to open the order form.

Identification on container:

Client's name and field name in the middle of the bag. Three digit number identifying the county (County Code) in the left box and four digit number the county assigns the sample (County Sample Number) in the right box on the bottom of the bag. The County Sample Number does not have to be part of the sequence used for soil samples.

Paperwork to accompany the sample:

The Greenhouse and Container Nursery Soil Sample Information Sheet is filled out and mailed with each sample. These forms are available at <http://soils.rs.uky.edu/SAMPLE1.HTM>. Make sure the 3-digit County Code and 4-digit County Sample Number on the form is the same as on the sample container.

Shipping boxes for samples:

You can ship the sample in a 6-unit soil sample box or another box that the sample fits in. Make sure there is plenty of padding in the box to keep the sample stationary. To order 6-unit soil sample boxes from Lexington, log into your county web page at <http://soils.rs.uky.edu/CountyData.htm> using your 3 digit County Code as the username and using your zip code as the password. Click on "Order Soil Supplies from Lexington" to open the order form.

Report:

A report with laboratory results is emailed to the County Office as an attached file that can be opened with Adobe Acrobat Reader. A report with laboratory results and recommendations from Dr. Robert Anderson in the Horticulture Department is emailed to the County Office as an attached file that can be opened with Word.

Type of Sample Tested: ANIMAL WASTE

Reason for test:

Determine nutrient levels in animal waste to assess nutrient application rates with waste applied to cropland.

Tests performed:

The test includes % moisture, nitrogen, phosphorus, potassium, calcium, magnesium, zinc, copper, iron, and manganese.

Where to Send Sample:

LEXINGTON LAB:
Soil Testing Laboratory
University of Kentucky
103 Regulatory Service Bldg.
Lexington, KY 40546

Container for Sample:

Liquid manures

One-L plastic sample bottles which are ordered from the Lexington Lab. Sample bottles are only filled one-half full with liquid manure. Bottle is then placed in a gallon size Ziploc bag. To order sample bottles, log into your county web page at <http://soils.rs.uky.edu/CountyData.htm> using your 3 digit county code as the username and using your zip code as the password. Click on "Order Soil Supplies from Lexington" to open the order form.

Solid manures

Doubled one-quart Ziploc bags filled one-half to three-quarters full. Do not use liquid manure plastic bottles to package solid manures.

Identification on container:

Client's name, three-digit number identifying the county (County Code), and four-digit number the county assigns the sample (County Sample Number). The County Sample Number does not have to be part of the sequence used for soil samples.

Paperwork to accompany the sample:

The Agriculture Animal Waste Sample Information Sheet is filled out and mailed with each sample. These forms are available at <http://soils.rs.uky.edu/SAMPLE1.HTM>. Make sure the County Code and County Sample Number on the form is the same as on the sample container.

Shipping boxes for samples:

You can ship the sample in a 6-unit soil sample box or another box that the sample fits in. Make sure there is plenty of padding in the box to keep the sample stationary. To order 6-unit soil sample boxes from Lexington, log into your county web page at <http://soils.rs.uky.edu/CountyData.htm> using your 3 digit County Code as the username and using your zip code as the password. Click on "Order Soil Supplies from Lexington" to open the order form.

Report:

A report with laboratory results is emailed to the County Office as an attached file that can be opened with Adobe Acrobat Reader.

AGRICULTURAL SOIL SAMPLE INFORMATION SHEET

Section I. Farmer I.D. No.

Date Sample Received by County: _____

Section VI. Lab Use Only

Name _____

Address _____

City _____ State _____ Zip _____

Telephone Number _____ / _____ Acres: _____

Owner's Sample Identification

Section II. Test(s) to Be Made
(Mark only one group test)

01 Routine Soil Test (P, K, pH, buffer
 pH, Ca, MG, Zn)

In Addition to Above Only
 OM (Org. Matter) BO (Boron)

15 Triazine, AZ (Atrazine)
 and SZ (Simazine)

Section VII.
For County Use Only

County Code

County Sample #

Section IIIa. Crop Codes

NOTE: Mark only one in each column. See additional crop lists for other codes.

	Primary Crop	Alternate Crop	Previous Crop	
02				Alfalfa
04				Alfalfa — Grass
01				Canola
03				Canola — Soybeans
05				Cool Season Grass
18				Corn
07	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Fallow
22				Fescue
78				Fescue/Lespedeza*
76				Forage Crops*
74				Grain Crops*
28				Lespedeza
09				Lespedeza — Grass
38				Red Clover
40				Red Clover — Grass
11				Small Grains
46				Small Grains — Corn
13				Small Grains — Soybeans
50				Soybeans
15				Tobacco Beds
58				Tobacco, Burley
60				Tobacco, Dark
19				Warm Season Grass
72				White Clover — Grass
				From Memo: _____ **
				From Memo: _____ **
				From Memo: _____ **
98				Other: _____

Section IIIb.

Crop Management/Use

Part A. Management

		Primary Crop x one	Alternate Crop (if desired)	Previous Crop x one
Conventional Tillage	01			
No Tillage	02			
Hay or Pasture less than 4 years	03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Hay or Pasture 5 years or longer	04	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Doublecrop-Conventional	05			
Doublecrop-No Till	06			
New Seeding	07			
Renovation	08			
Annual Top Dressing	09			

Part B. Use

		x one	x one	x one
Grain	01			
Silage	02			
Tobacco	03			
Hay	04			
Pasture	10			
Seed Production	05			
Silage-Grain (double crop)	07			
Grain-Grain (double crop)	08			
Silage-Silage (double crop)	09			
Cover Crop	11			
Other	98			

Section VIII.

Lab Use Only

Billing Code

Section IX.

FSA

Check if copy is to be sent to FSA office.

Owner's Field Identifier
(Descriptive Name)

Soil Series Name:

* Multiple lime and fertilizer computer recommendations without comments.

Forage Crops = Alfalfa/Bluegrass/
Fescue/Orchardgrass.

Grain Crops = Corn/Grain Sorghum/
Soybeans/Wheat

** Write in CROP NAME & CODE from memo.

Section IV. Fertilizer-Lime History

Fertilizer Applied In The Past 12 Months:

_____ lb/A _____ lb/A _____ lb/A
N P₂O₅ K₂O

Lime Applied in Past 3 Years: _____ T/A

Date Lime Applied: _____
Month Year

Manure Applied Past 12 Months _____ T/A

Section Va.

For Tobacco Only:

What was there 2 years ago?

Good Sod	1	<input type="checkbox"/>
Medium Sod	2	<input type="checkbox"/>
Poor Sod	3	<input type="checkbox"/>
Tobacco	4	<input type="checkbox"/>
Other	5	<input type="checkbox"/>

Section Vb. Soil Drainage*

(x one)

Well	1	<input type="checkbox"/>
Moderately Well	2	<input type="checkbox"/>
Somewhat Poorly	3	<input type="checkbox"/>
Poorly	4	<input type="checkbox"/>
Poorly, but tilled	5	<input type="checkbox"/>

* Important for Corn and Tobacco Nitrogen Recommendations.

Paid

Signature of Extension Agent

HOME GARDEN, HOME LAWN, & SPECIAL TURF SOIL SAMPLE INFORMATION SHEET

SECTION I. IDENTIFICATION (Please Print) Date: _____

Name _____

Address _____

City _____ State _____ Zip _____

Telephone Number _____

Owner's Sample Identification

SECTION II. TEST(S) TO BE MADE

- 01 Routine Soil Test (P, K, pH,
 Buffer pH, Ca, Mg, Zn)

- In Addition To Above Only
 OM (Org. Matter) BO (Boron)

SECTION V. Lab Use Only

SECTION VI.

For County Use Only

County Code

County Sample # _____

SECTION III. PLANTS TO BE GROWN. Mark (x) one type of plant only.

VEGETABLES & FRUITS

- 02 Vegetable Garden
04 Apples
06 Peaches
08 Other Tree Fruits
10 Brambles
12 Grape Arbor
14 Strawberries
16 Blueberries
96 Other. Specify: _____

TURF GRASS

Part A — Type

- 18 Kentucky Bluegrass
20 Tall Fescue
22 Fine Fescue
24 Creeping Bentgrass
26 Perennial Ryegrass
28 Bermudagrass
30 Zoysiagrass
97 Other. Specify: _____

Part B — Location

Mark (x) **only** if Part A is marked (x)

- 32 Home Lawn
34 Golf Green
36 Golf Tee
38 Golf Fairway
40 Sod Production
42 Athletic Field
44 General Turf
98 Other. Specify: _____

LANDSCAPE PLANTS

- 46 Deciduous Tree
48 Deciduous Shrub
50 Needled Evergreen Tree
or Shrub
52 Broadleaved Evergreen
Tree or Shrub
54 Ground Covers
56 Flower Garden
58 Roses
60 Azalea/Rhododendron
99 Other. Specify, but
computer recommen-
dations are not given!

Lab Use Only

Billing Code

SECTION IV. GENERAL INFORMATION

Part A. Mark (x) one

- 01 New Planting or Seedling
02 Plant Maintenance

Part B. Mark (x) one

- 03 Mostly Sunny Location
04 Mostly Shady Location

Signature of Extension Agent

Paid

COMMERCIAL HORTICULTURAL SOIL SAMPLE INFORMATION SHEET

Section I. Grower I.D. No.

Name _____

Address _____

City _____ State _____ Zip _____

Telephone Number _____ Acres: _____

Owner's Sample Identification

Date Soil Sample Received by County: _____

Section II. Test(s) to Be Made

01 Routine Soil Test (P, K, pH, buffer
 pH, Ca, Mg, Zn)

In Addition to Above Only
 OM (Org. Matter) BO (Boron)

SECTION IV. Lab Use Only

SECTION V.

For County Use Only

County Code

County Sample #

Lab Use Only
Billing Code

SECTION III. CROP/MANAGEMENT SELECTION — Mark (x) only one crop to be grown.

Part A1. FLOWERS/NURSERY

- | | Crop To Be Grown | Previous Crop Grown | |
|----|--------------------------|--------------------------|------------------------|
| 02 | <input type="checkbox"/> | <input type="checkbox"/> | Annuals |
| 04 | <input type="checkbox"/> | <input type="checkbox"/> | Perennials (not bulbs) |
| 06 | <input type="checkbox"/> | <input type="checkbox"/> | Bulbs |
| 96 | <input type="checkbox"/> | <input type="checkbox"/> | Other: _____ |

Nursery

- | | | | |
|----|--------------------------|--------------------------|----------------------------------|
| 10 | <input type="checkbox"/> | <input type="checkbox"/> | Azaleas |
| 12 | <input type="checkbox"/> | <input type="checkbox"/> | Conifers, junipers |
| 14 | <input type="checkbox"/> | <input type="checkbox"/> | Conifers, pines |
| 16 | <input type="checkbox"/> | <input type="checkbox"/> | Conifers (not pines or junipers) |
| 18 | <input type="checkbox"/> | <input type="checkbox"/> | Deciduous Shrubs |
| 20 | <input type="checkbox"/> | <input type="checkbox"/> | Deciduous Trees |
| 22 | <input type="checkbox"/> | <input type="checkbox"/> | Evergreen Shrubs, Broadleaved |
| 24 | <input type="checkbox"/> | <input type="checkbox"/> | Evergreen Trees, Broadleaved |
| 26 | <input type="checkbox"/> | <input type="checkbox"/> | Hollies |
| 28 | <input type="checkbox"/> | <input type="checkbox"/> | Rhododendrons |
| 97 | <input type="checkbox"/> | <input type="checkbox"/> | Other: _____ |

Part A2. Management System

- | | | | |
|----|--------------------------|--------------------------|--|
| 01 | <input type="checkbox"/> | <input type="checkbox"/> | Sod Nursery |
| 02 | <input type="checkbox"/> | <input type="checkbox"/> | Tilled Nursery with complete weed control |
| 03 | <input type="checkbox"/> | <input type="checkbox"/> | Limited Tillage with complete weed control |
| 04 | <input type="checkbox"/> | <input type="checkbox"/> | Limited Tillage with no weed control |
| 12 | <input type="checkbox"/> | <input type="checkbox"/> | Sampled before planting |

Part A3. Irrigation

- | | | |
|----|--------------------------|---------------|
| 01 | <input type="checkbox"/> | Irrigated |
| 02 | <input type="checkbox"/> | Not Irrigated |

Part A4. Site Drainage

- | | | |
|----|--------------------------|-----------------|
| 01 | <input type="checkbox"/> | Well |
| 02 | <input type="checkbox"/> | Moderately Well |
| 03 | <input type="checkbox"/> | Somewhat Poorly |
| 04 | <input type="checkbox"/> | Poorly |

Herbicides Used Last Year: _____

Part B1. VEGETABLES

- | | Crop To Be Grown | Previous Crop Grown | |
|----|--------------------------|--------------------------|-----------------------------------|
| 32 | <input type="checkbox"/> | <input type="checkbox"/> | Asparagus |
| 34 | <input type="checkbox"/> | <input type="checkbox"/> | Beans (snap, dry, lima, etc.) |
| 36 | <input type="checkbox"/> | <input type="checkbox"/> | Cole Crops (broccoli, etc.) |
| 38 | <input type="checkbox"/> | <input type="checkbox"/> | Corn, Sweet |
| 40 | <input type="checkbox"/> | <input type="checkbox"/> | Cucumbers |
| 42 | <input type="checkbox"/> | <input type="checkbox"/> | Eggplant |
| 44 | <input type="checkbox"/> | <input type="checkbox"/> | Greens (collards, kale, etc.) |
| 46 | <input type="checkbox"/> | <input type="checkbox"/> | Muskmelons (cantaloupes) |
| 48 | <input type="checkbox"/> | <input type="checkbox"/> | Onions (green & bulb) |
| 50 | <input type="checkbox"/> | <input type="checkbox"/> | Peppers (bell and pimienta) |
| 52 | <input type="checkbox"/> | <input type="checkbox"/> | Potatoes |
| 54 | <input type="checkbox"/> | <input type="checkbox"/> | Rhubarb |
| 56 | <input type="checkbox"/> | <input type="checkbox"/> | Root Crops (beets, carrots, etc.) |
| 58 | <input type="checkbox"/> | <input type="checkbox"/> | Squash & Pumpkins |
| 60 | <input type="checkbox"/> | <input type="checkbox"/> | Sweet Potatoes |
| 62 | <input type="checkbox"/> | <input type="checkbox"/> | Tomatoes |
| 64 | <input type="checkbox"/> | <input type="checkbox"/> | Watermelons |
| 68 | <input type="checkbox"/> | <input type="checkbox"/> | Other: _____ |

Part B2. Management System

- | | | | |
|----|--------------------------|--------------------------|--|
| 05 | <input type="checkbox"/> | <input type="checkbox"/> | Conventional tillage |
| 06 | <input type="checkbox"/> | <input type="checkbox"/> | No tillage |
| 07 | <input type="checkbox"/> | <input type="checkbox"/> | Plants grown through black plastic mulch |

Part B3. Irrigation

- | | | |
|----|--------------------------|---------------|
| 01 | <input type="checkbox"/> | Irrigated |
| 02 | <input type="checkbox"/> | Not Irrigated |

Part B4. Site Drainage

- | | | |
|----|--------------------------|-----------------|
| 01 | <input type="checkbox"/> | Well |
| 02 | <input type="checkbox"/> | Moderately Well |
| 03 | <input type="checkbox"/> | Somewhat Poorly |
| 04 | <input type="checkbox"/> | Poorly |

Part B5

Herbicides Used Last Year: _____

Part C1. FRUITS AND NUTS

- | | Crop To Be Grown | Previous Crop Grown | |
|----|--------------------------|--------------------------|---------------------------|
| 72 | <input type="checkbox"/> | <input type="checkbox"/> | Apples |
| 74 | <input type="checkbox"/> | <input type="checkbox"/> | Blueberries |
| 76 | <input type="checkbox"/> | <input type="checkbox"/> | Brambles |
| 78 | <input type="checkbox"/> | <input type="checkbox"/> | Cherries, Tart |
| 80 | <input type="checkbox"/> | <input type="checkbox"/> | Currants and Gooseberries |
| 82 | <input type="checkbox"/> | <input type="checkbox"/> | Grapes |
| 84 | <input type="checkbox"/> | <input type="checkbox"/> | Peaches |
| 86 | <input type="checkbox"/> | <input type="checkbox"/> | Pears |
| 88 | <input type="checkbox"/> | <input type="checkbox"/> | Pecans |
| 90 | <input type="checkbox"/> | <input type="checkbox"/> | Plums |
| 92 | <input type="checkbox"/> | <input type="checkbox"/> | Strawberries |
| 94 | <input type="checkbox"/> | <input type="checkbox"/> | Walnuts |
| 99 | <input type="checkbox"/> | <input type="checkbox"/> | Other: _____ |

Part C2. Management System

- | | | | |
|----|--------------------------|--------------------------|-------------------------|
| 08 | <input type="checkbox"/> | <input type="checkbox"/> | Bare Sod |
| 09 | <input type="checkbox"/> | <input type="checkbox"/> | Sod Orchard |
| 10 | <input type="checkbox"/> | <input type="checkbox"/> | Black Plastic Mulch |
| 11 | <input type="checkbox"/> | <input type="checkbox"/> | Organic Mulch |
| 12 | <input type="checkbox"/> | <input type="checkbox"/> | Sampled before planting |

Part C3. Irrigation

- | | | |
|----|--------------------------|---------------|
| 01 | <input type="checkbox"/> | Irrigated |
| 02 | <input type="checkbox"/> | Not Irrigated |

Part C4. Site Drainage

- | | | |
|----|--------------------------|-----------------|
| 01 | <input type="checkbox"/> | Well |
| 02 | <input type="checkbox"/> | Moderately Well |
| 03 | <input type="checkbox"/> | Somewhat Poorly |
| 04 | <input type="checkbox"/> | Poorly |

Herbicides Used Last Year: _____

UNIVERSITY OF KENTUCKY
College of Agriculture Cooperative Extension Service

Water Source and Nutrient Solution Sample Submission Form

Department of Agronomy
Department of Horticulture and Landscape Architecture
Division of Regulatory Services

Section for County Office Use Only:

County Code _____ County Sample Number _____

Section for UK Use Only:

Section I.

Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Telephone Number: _____

Owner's Sample ID: _____

Date Sampled: ____/____/____

Section II. Type of Sample

Water 21 __ Well
 22 __ Pond
 23 __ Municipal System
 24 __ Other

Nutrient Solution

25 __ Fertilizer
 Type: _____
 Rate: _____
26 __ Epsom Salts
27 __ Gypsum
28 __ Acid
 Type: _____
 Rate: _____

Section III. Irrigation Method: 31 __ Overhead 32 __ Trickle 33 __ Sub (Float)

Section IV. Type of Crop:

Tobacco Transplant	Vegetable	Ornamental
41 __ Direct Seed	43 __ Greenhouse	45 __ Greenhouse
42 __ Plug and Transfer	44 __ Field	46 __ Field

Section V. Other Information:

Signature of Extension Agent

___ Paid

Sampling Instructions on Back

SECTION I. Date received by county _____

Name _____

Address _____

City _____ State _____ Zip _____

Telephone Number _____

Owner's Sample Identification

SECTION II. Test to Be Made

09 Water Extraction (P, K, Ca, Mg, pH,
 NO₃-N, Cond.)

Specialist You Are Working With: _____

SECTION IX. Lab Use Only

SECTION X. For County Use Only

County Code

County Sample #

SECTION III. CROP Mark (x) One

Bedding Plants

01 Vegetables

02 Flowers

Vegetables

03 Cucumbers

04 Lettuce

05 Tomatoes

06 Other Vegetable: _____

Flowers

07 Chrysanthemums

08 Foliage Plants

09 Lilies

10 Poinsettias

11 Roses

12 Outdoor Field Crops (gladiolus, etc.)

13 Other Floriculture: _____

Nursery

14 Azaleas and Rhododendrons

15 Hollies

16 Junipers

17 Magnolias

18 Pines

19 Taxus

20 Other Deciduous Shrubs

21 Other Deciduous Trees

22 Other Evergreen Shrubs

23 Other Evergreen Trees

24 Ground Covers

25 Other: _____

SECTION V. Stage of Plant Development
Mark (x) Only One

01 Pre-Plant

02 Seedling or Newly-Planted

03 6 weeks after transplanting

04 12 weeks after transplanting

05 6 months

06 12 months

07 18 months

08 24 months

09 30 months

10 36 months

11 Other, Specify: _____

Lab Use Only

Billing Code

SECTION VI. SIZE OF CONTAINER OR POT
Mark (x) one

01 Cell Packs

02 3 inch

03 4 inch

04 5 inch

05 6 inch

06 1 gallon (7 inch)

07 2 gallon (9 inch)

08 3 gallon (10 inch)

09 5 gallon (12 inch)

10 30 gallon

11 Other, Specify Size: _____
Depth: _____

SECTION VIII. Fertilizer & Lime Applied
Mark (x) where appropriate

1 Liquid Application (Injector)

1 Constant

2 Weekly

3 Other: _____

Analysis: _____

Rate: _____

2 Slow Release Application

Brand: _____

Analysis: _____

Rate: _____

SECTION IV. TYPE OF GROWING MEDIA
Mark (x) where appropriate

1 Soil in Ground Bed: Amended

2 Ground Bed: Non-Amended

3 Commercial Mix, Identify Below: _____

4 A Mixture Described Below:

01 Sawdust _____ %

02 Hardwood Bark _____ %

03 Pine Bark _____ %

04 Expanded Shale _____ %

05 Sand _____ %

06 Peat _____ %

07 Perlite _____ %

08 Vermiculite _____ %

09 Soil _____ %

10 Other, Specify: _____

SECTION VII. DESCRIPTION OF PLANTS
Mark (x) one or more

1 Stunted Growth

2 Burned Roots

3 Yellowing of Lower Leaves

4 Yellowing of New Leaves

5 Yellowing Between Leaf Vines

6 Burning of Leaf Edges

7 Other, Describe in detail below:

3 Commercial Fertilizer

1 Superphosphate

2 Ammonium Nitrate

3 Other: _____

4 Other: _____

Kind: _____

Analysis: _____

Rate: _____

Kind: _____

Analysis: _____

Rate: _____

4 Liming Material Used

1 Dolomitic Limestone

2 Agricultural Limestone

3 Other: _____

Rate: _____

UNIVERSITY OF KENTUCKY

College of Agriculture Cooperative Extension Service

AGRICULTURE ANIMAL WASTE SAMPLE INFORMATION SHEET

Department of Agronomy

Division of Regulatory Services

Section I.

DATE SAMPLED: ___/___/___

NAME: _____

ADDRESS: _____

CITY: _____ STATE ___ ZIP ___

PHONE: _____

Owner's Sample ID

--	--	--	--

Section II.

Test to be made.

Routine (Total N,
P₂O₅, K₂O, and
moisture for solids.)

Section VI. (Lab Use)

Section VII. (County)

--	--	--

County Code

--	--	--	--

County Sample No.

Section III. TYPE OF ANIMAL WASTE

___ Poultry

___ Solid

___ Dairy

___ Liquid

___ Swine

___ Beef

Section VIII.
(Lab Use Only)

Billing Code: ___

Section IV. Animal Waste Application History

Section V. Other Information.

Paid _____

Signature of Extension Agent

NOTE: See back for sampling information.

SOIL BILLING

The laboratory bills the county office for samples tested. A new billing system is in place where invoices are emailed to the county office. Invoices will be emailed on a quarterly basis at the beginning of January, April, July, and October. Two example invoices are on the following pages.

You can change the email address and the contact name on the web. Go to your county web page at <http://soils.rs.uky.edu/CountyData.htm> using your three digit County Code as the username and using your zip code as the password. Click on "Update Address Information". The clerical name is the contact name on the Invoice and the email for billing is the email address used to send out the invoice.

UK Soil Test Laboratory Invoice

Date Printed: 1/7/2004

County Code: #

Invoice #: 309542

University of Kentucky
Division of Regulatory Services
103 Regulatory Services Bldg.
Lexington, KY 40546-0275
859-257-2785 dreid@uky.edu

County

Contact: FName LName

Phone: 270-384-2317

This is your statement for analyses conducting by the UK Soil Test laboratory. Your total amount due is **\$168.00** . Make a check for the total amount due payable to

DIVISION OF REGULATORY SERVICES.

Return a copy of this page of the invoice with your check. The due date for payment is 3/31/04. A \$20 late fee is charged if payment is not received by the due date. You can contact Danny Reid at the above phone number or email if you have any questions regarding the statement.

If your contact information is not correct, please log in with your county ID as your user name and your zip code as your password at soils.rs.uky.edu/CountyData.htm. Click on "Update Address Information" and make the necessary changes.

Remarks

Description of Charges (Detailed listing attached)

Agriculture (A):	\$80.00	Animal Waste (AW):	\$60.00
Home, Lawn and Garden (H):	\$24.00	Greenhouse Media (GM):	
Commercial Hort (C):	\$4.00	Water (WA):	
Mine soil (M):		Research Soil (R):	
		ICP Research Solns (RS):	

Total Due: \$168.00

Do not write below - for Division of Regulatory Services only

Account Code	Check Amount	County Code	Check No.	Check Date	Received Date
51		#			

UK Soil Test Laboratory Invoice**Date Printed: 1/7/2004****County Code: #****Invoice #: 309542****Sample Type: Agriculture****County**

Lab ID	Co #	Owner ID	Date	Cost	Extra Tests
27263	A 0283	1	10/10/2003	\$4.00	
27264	A 0284	1	10/10/2003	\$4.00	
27265	A 0285	1	10/10/2003	\$4.00	
27267	A 0286	1	10/10/2003	\$4.00	
27268	A 0287	2	10/10/2003	\$4.00	
27269	A 0288	3	10/10/2003	\$4.00	
27270	A 0289	4	10/10/2003	\$4.00	
27271	A 0290	5	10/10/2003	\$4.00	
27272	A 0291	6	10/10/2003	\$4.00	
27273	A 0292	7	10/10/2003	\$4.00	
27274	A 0293	8	10/10/2003	\$4.00	
27275	A 0294	1	10/10/2003	\$4.00	
27276	A 0295	1	10/10/2003	\$4.00	
29107	A 0300	1	11/6/2003	\$4.00	
29108	A 0301	2	11/6/2003	\$4.00	
30007	A 0303	1	11/20/2003	\$4.00	
30414	A 0305	1	12/3/2003	\$4.00	
30415	A 0306	2	12/3/2003	\$4.00	
30416	A 0307	3	12/3/2003	\$4.00	
30417	A 0308	4	12/3/2003	\$4.00	

Sample Type: Home, Lawn and Garden**County**

Lab ID	Co #	Owner ID	Date	Cost	Extra Tests
27966	H 0296	1	10/28/2003	\$4.00	
27967	H 0297	1	10/28/2003	\$4.00	
27968	H 0298	1	10/28/2003	\$4.00	
27969	H 0299	2	10/28/2003	\$4.00	
30006	H 0302	1	11/20/2003	\$4.00	
30886	H 0309	1	12/12/2003	\$4.00	

UK Soil Test Laboratory Invoice

Date Printed: 1/7/2004

County Code: #

Invoice #: 309542

Sample Type: Commercial Hort.

County

Lab ID	Co #	Owner ID	Date	Cost	Extra Tests
30413 C	0304	1	12/3/2003	\$4.00	

Sample Type: Animal Waste

County

Lab ID	Co #	Owner ID	Date	Cost	Extra Tests
90841 AW	40	1	10/17/2003	\$20.00	
90842 AW	40	1	10/17/2003	\$20.00	
90843 AW	38	1	10/17/2003	\$20.00	

UK Soil Test Laboratory Invoice

Date Printed: 1/7/2004

**County Code: #
Invoice #: 309549**

University of Kentucky
Division of Regulatory Services
103 Regulatory Services Bldg.
Lexington, KY 40546-0275
859-257-2785 dreid@uky.edu

County

Contact:
Phone:

This is your statement for analyses conducting by the UK Soil Test laboratory. Your total amount due is **\$416.00** . Make a check for the total amount due payable to

DIVISION OF REGULATORY SERVICES.

Return a copy of this page of the invoice with your check. The due date for payment is 3/31/04. A \$20 late fee is charged if payment is not received by the due date. You can contact Danny Reid at the above phone number or email if you have any questions regarding the statement.

If your contact information is not correct, please log in with your county ID as your user name and your zip code as your password at soils.rs.uky.edu/CountyData.htm. Click on "Update Address Information" and make the necessary changes.

Remarks

Description of Charges (Detailed listing attached)

Agriculture (A):	\$264.00	Animal Waste (AW):	
Home, Lawn and Garden (H):	\$132.00	Greenhouse Media (GM):	
Commercial Hort (C):	\$20.00	Water (WA):	
Mine soil (M):		Research Soil (R):	
Tests with no charge:	\$20.00	ICP Research Solns (RS):	

Total Due: \$416.00

Do not write below - for Division of Regulatory Services only

Account Code	Check Amount	County Code	Check No.	Check Date	Received Date
51		#			

UK Soil Test Laboratory Invoice**Date Printed: 1/7/2004****County Code: #****Invoice #: 309549****Sample Type: Agriculture****County**

Lab ID	Co #	Owner ID	Date	Cost	Extra Tests
26701	A 0444	1	10/2/2003	\$4.00	
26702	A 0445	2	10/2/2003	\$4.00	
26703	A 0446	3	10/2/2003	\$4.00	
26704	A 0447	4	10/2/2003	\$4.00	
26705	A 0448	5	10/2/2003	\$4.00	
26706	A 0449	6	10/2/2003	\$4.00	
26707	A 0450	7	10/2/2003	\$4.00	
26708	A 0451	8	10/2/2003	\$4.00	
26720	A 0452	1	10/2/2003	\$4.00	
26721	A 0453	2	10/2/2003	\$4.00	
26722	A 0454	3	10/2/2003	\$4.00	
26723	A 0455	4	10/2/2003	\$4.00	
26724	A 0456	5	10/2/2003	\$4.00	
26725	A 0457	6	10/2/2003	\$4.00	
26726	A 0458	7	10/2/2003	\$4.00	
26727	A 0459	8	10/2/2003	\$4.00	
26728	A 0460	10	10/2/2003	\$4.00	
26729	A 0461	11	10/2/2003	\$4.00	
26730	A 0462	12	10/2/2003	\$4.00	
26731	A 0463		10/2/2003	\$4.00	
26732	A 0464	14	10/2/2003	\$4.00	
26733	A 0465	15	10/2/2003	\$4.00	
28002	A 0489	16	10/28/2003	\$4.00	
28003	A 0490	17	10/28/2003	\$4.00	
28004	A 0491	18	10/28/2003	\$4.00	
28005	A 0492	19	10/28/2003	\$4.00	
28718	A 0509	1	11/3/2003	\$4.00	
28726	A 0497	F1	11/3/2003	\$4.00	
28727	A 0498	P2-P4	11/3/2003	\$4.00	
28728	A 0499	P1	11/3/2003	\$4.00	

UK Soil Test Laboratory Invoice**Date Printed: 1/7/2004****County Code: #****Invoice #: 309549**

28729	A	0500	P3-P5	11/3/2003	\$4.00
28730	A	0501	F2	11/3/2003	\$4.00
28731	A	0502	F3C	11/3/2003	\$4.00
28732	A	0503	F3B	11/3/2003	\$4.00
28733	A	0504	F3A	11/3/2003	\$4.00
28734	A	0505	F342	11/3/2003	\$4.00
28735	A	0506	F3D	11/3/2003	\$4.00
28736	A	0507	F342	11/3/2003	\$4.00
28737	A	0508	F142	11/3/2003	\$4.00
29667	A	0517	RF1	11/13/2003	\$4.00
29668	A	0518	RF2	11/13/2003	\$4.00
29669	A	0519	RF3	11/13/2003	\$4.00
29670	A	0520	RF4	11/13/2003	\$4.00
29671	A	0521	RF5	11/13/2003	\$4.00
29672	A	0522	RF6	11/13/2003	\$4.00
29892	A	0523	1A	11/19/2003	\$4.00
29893	A	0524	1B	11/19/2003	\$4.00
29894	A	0525	2A	11/19/2003	\$4.00
29895	A	0526	2B	11/19/2003	\$4.00
29896	A	0527	15	11/19/2003	\$4.00
29949	A	0528	5	11/19/2003	\$4.00
30556	A	0530	1	12/8/2003	\$4.00
30557	A	0531	2	12/8/2003	\$4.00
30568	A	0532	20	12/8/2003	\$4.00
30569	A	0533	21	12/8/2003	\$4.00
30570	A	0534	22	12/8/2003	\$4.00
30667	A	0535	1	12/11/2003	\$4.00
30668	A	0536	2	12/11/2003	\$4.00
30669	A	0537	3	12/11/2003	\$4.00
30670	A	0538	4	12/11/2003	\$4.00
30671	A	0539	5	12/11/2003	\$4.00
30672	A	0540	6	12/11/2003	\$4.00
30673	A	0541	7	12/11/2003	\$4.00

UK Soil Test Laboratory Invoice**Date Printed: 1/7/2004****County Code: #****Invoice #: 309549**

30674	A	0542	8	12/11/2003	\$4.00
30675	A	0543	9	12/11/2003	\$4.00
30676	A	0544	10	12/11/2003	\$4.00

Sample Type: Home, Lawn and Garden**County**

Lab ID	Co #	Owner ID	Date	Cost	Extra Tests
26699	H	0442	1 front	10/2/2003	\$4.00
26700	H	0443	2 back	10/2/2003	\$4.00
26995	H	0466	1	10/9/2003	\$4.00
26996	H	0467	S1A	10/9/2003	\$4.00
26997	H	0468	S2A	10/9/2003	\$4.00
27099	H	0469	1	10/9/2003	\$4.00
27192	H	0478	1 Front	10/10/2003	\$4.00
27193	H	0479	2 Back flower garden	10/10/2003	\$4.00
27194	H	0470	#1 Sick Evergreen	10/10/2003	\$4.00
27195	H	0471	#2 South side	10/10/2003	\$4.00
27196	H	0472	#3 Evergreen Area	10/10/2003	\$4.00
27197	H	0473	#4 Back, Garden tree	10/10/2003	\$4.00
27198	H	0474	#5 Main Road Trees	10/10/2003	\$4.00
27199	H	0475	#6 Front Drive Way	10/10/2003	\$4.00
27200	H	0476	#7 Drainage Hillside	10/10/2003	\$4.00
27201	H	0477	#8 Trees, Front, lower level	10/10/2003	\$4.00
27530	H	0483	1	10/21/2003	\$4.00
27531	H	0484	1 front	10/21/2003	\$4.00
27532	H	0485		10/21/2003	\$4.00
27583	H	0486	1	10/21/2003	\$4.00
27584	H	0487	2	10/21/2003	\$4.00
27585	H	0488	3	10/21/2003	\$4.00
28193	H	0493	0001	10/28/2003	\$4.00
28597	H	0494	0001	11/3/2003	\$4.00
28598	H	0495	0002	11/3/2003	\$4.00
28599	H	0496	0003	11/3/2003	\$4.00
28987	H	0512	1	11/5/2003	\$4.00

UK Soil Test Laboratory Invoice

Date Printed: 1/7/2004

**County Code: #
Invoice #: 309549**

28988	H	0513	2	11/5/2003	\$4.00
29124	H	0514	1	11/6/2003	\$4.00
29253	H	0515	1	11/7/2003	\$4.00
29254	H	0516	2	11/7/2003	\$4.00
30356	H	0529	01	12/1/2003	\$4.00
31256	H	0545	1	12/23/2003	\$4.00

Sample Type: Commercial Hort.

County

Lab ID	Co #	Owner ID	Date	Cost	Extra Tests
27465	C	0480	I-2	10/20/2003	\$4.00
27466	C	0481	E-6	10/20/2003	\$4.00
27467	C	0482	I-4	10/20/2003	\$4.00
28985	C	0510	3W	11/5/2003	\$4.00
28986	C	0511	3E	11/5/2003	\$4.00

Sample Type: Tests with No Charge

County

Lab ID	Co #	Owner ID	Date	Cost	Extra Tests
90775	AW	RS01	none	9/15/2003	\$20.00