INSTRUCTIONS FOR SOIL TESTING SAMPLES

Testing serves Campbell County Residents

Soil Probe – push end of probe 4”-6” deep, twist and pull up. Remove soil.
Shovel – push 4”-6” deep and bring up soil clump; take soil from top to bottom of clump. See details below.

Lawn

Remove samples from several locations in yard. Mix together to equal two measuring cups (one pint or ½ quart freezer bag) of soil. Remove anything that is not soil. If soil is wet when taken, air dry on newspaper and break up large clumps. Place in any container and bring to the Extension Service office. You will be asked to provide the following information: Type of grass (bluegrass, fescue, etc.), if it is for new seeding or maintenance and if the sampled area is in a sunny or shady location.

Vegetable Gardens/Fruit

Remove soil samples from several locations in garden. Mix together to equal two measuring cups (one pint or ½ quart freezer bag) of soil. Remove anything that is not soil. If soil is wet when taken, air dry on newspaper and break up large clumps. Place in any container and bring to the Extension Service office. You will be asked to provide the following information: Type of plant to be grown (vegetables, fruit type), if this is for a new planting or maintenance and if the sampled area is in a shady or sunny location.

Landscape Plants

Remove samples from two or three locations around the planting site. Mix together to equal two measuring cups (one pint or ½ quart freezer bag) of soil. Remove anything that is not soil. If soil is wet when taken, air dry on newspaper and break up large clumps. Place in any container and bring to the Extension Service office. You will be asked to provide the following information: Type of plant (deciduous tree, deciduous shrub, needled evergreen tree or shrub, broadleaved evergreen tree or shrub, ground cover, flower garden, roses, azalea/rhododendron, or other), if this is for a new planting or maintenance and if the sampled area is in a shady or sunny location.

Farms

Remove soil samples from several locations in the planting site. If the same crop is to be grown in a large tract, divide the acreage into smaller sample areas (approximately one to two acres). Mix together to equal two measuring cups (one pint or ½ quart freezer bag) of soil for each sample area. Remove anything that is not soil. If soil is wet when taken, air dry on newspaper and break up large clumps. Place in any container and bring to the Extension Service office. You will be asked to provide the following information:

<table>
<thead>
<tr>
<th>Crop to be grown</th>
<th>alfalfa</th>
<th>alfalfa/grass</th>
<th>canola</th>
</tr>
</thead>
<tbody>
<tr>
<td>canola/soybeans</td>
<td></td>
<td>cool season grass</td>
<td></td>
</tr>
<tr>
<td>fescue</td>
<td></td>
<td>fescue/lespedeza</td>
<td></td>
</tr>
<tr>
<td>grain crops</td>
<td></td>
<td>lespedeza</td>
<td></td>
</tr>
<tr>
<td>red clover</td>
<td></td>
<td>red clover/grass</td>
<td></td>
</tr>
<tr>
<td>small grains/corn</td>
<td></td>
<td>small grains/soybeans</td>
<td></td>
</tr>
<tr>
<td>tobacco beds</td>
<td></td>
<td>tobacco – burley</td>
<td></td>
</tr>
<tr>
<td>white clover/grass</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>forage crops</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>lespedeza/grass</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>small grains</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>soybeans</td>
<td></td>
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<td></td>
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<tr>
<td>warm season grass</td>
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<td></td>
</tr>
</tbody>
</table>
Previous Crop: (same list as above)

Crop Management for crop to be grown and previous crop:
- conventional tillage
- no tillage
- hay or pasture less than 4 years
- hay or pasture 5 years or longer
- doublecrop – conventional
- doublecrop – no till
- new seeding
- renovation
- annual top dressing

Crop Use:
- grain
- silage
- silage – grain (double crop)
- grain – grain (double crop)
- tobacco
- silage – silage (double crop)
- hay
- cover crop
- pasture
- other
- seed production

Soil Drainage:
- well
- poorly
- moderately well
- poorly, but tiled
- somewhat poorly

Tobacco:
- What was there 2 years ago: good sod, medium sod, poor sod, tobacco, other

Fertilizer/Lime:
- How many pounds per acre of nitrogen, potassium and phosphorus was applied in the last 12 months?
- Amount and date of lime applied in past 3 years.
- Tons per acre of manure applied in past 12 months.

Commercial Horticulture Growers

Only one type of plant for each soil sample can be marked on soil test form. Remove samples from several locations in garden. Mix together to equal two measuring cups (one pint or ½ freezer bag) of soil. Remove anything that is not soil. If soil is wet when taken, air dry on newspaper and break up large clumps. Place in any container and bring to the Extension Service office. You will be asked to provide the following information: Type of plant to be grown (vegetable type, fruit type), type of plant previously grown in area, management system, irrigated or not, herbicides used last year and site drainage.