

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.

Lawns

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:

<u>Crop to be grown:</u>	alfalfa	alfalfa/grass	canola
	canola/soybeans	cool season grass	corn
	fescue	fescue/lespedeza	forage crops
	grain crops	lespedeza	lespedeza/grass
	red clover	red clover/grass	small grains
	small grains/corn	small grains/soybeans	soybeans
	tobacco beds	tobacco – burley	warm season grass
	white clover/grass		

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

<u>Crop Use:</u>	grain	silage – grain (double crop)
	silage	grain – grain (double crop)
	tobacco	silage – silage (double crop)
	hay	cover crop
	pasture	other
	seed production	

<u>Soil Drainage:</u>	well	poorly
	moderately well	poorly, but tilled
	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.