

Soil Sample Entry Form



Please fill in all applicable blanks and answer all questions to help us provide the most accurate analysis possible.

Name: _____
(first) (middle initial) (last)

Ranch Name: _____ Owner Employee

Address: _____

City: _____ State: _____ ZIP: _____

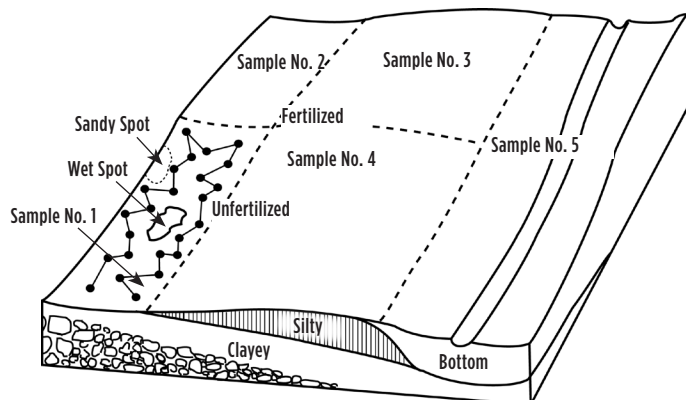
County: _____ Email: _____

Phone: _____ Cell: _____

Obtaining a Good Soil Sample

1. Samples for determining fertilizer needs of annual crops should be taken soon after the crop matures or is harvested. Samples from perennials can be taken during their dormant season, preferably immediately after they become dormant. Sufficient time should be allowed for analysis and return of fertilizer recommendations.
2. To obtain a representative soil sample, take a minimum of 15 cores or thin slices from one distinct area or field. Take samples at random in a zigzag pattern and avoid small unusual areas. (See illustration below)
3. Collect soil cores to a depth of 6 inches for sod crops. Subsoil cores should be taken from the 6- to 12-inch zone in cropped fields. Samples to a depth of 18 inches will help assess nitrogen levels for grain crops.
4. Mix cores or thin slices thoroughly, breaking up clods. Carefully label or number and record each top and subsoil sample. Send **at least 1 pint or more** for laboratory analysis.
5. Completely fill out the soil sample information sheet on the reverse side of this page. The information is vital in preparing a fertilizer recommendation. (See shaded example area on entry form.)
6. Bring or ship to Noble Research Institute Ag Testing Services Department.
7. **Regen Ag Laboratory will bill you for analysis services. Noble Research Institute accepts no money for testing services.**

All analyses performed by:
Regen Ag Laboratory
31740 HWY 10, Pleasonton, NE 68866
308-677-0093 | www.regenaglab.com



How to Obtain a Sample

Follow a random pattern when sampling. Avoid areas or soil conditions that are different from the rest of the growing area, such as lime pits, fertilizer spills, gate areas, livestock congregational areas, poorly drained areas, dead furrows, fertilizer bands or old fence rows.

The current test analysis prices can be found on our website, www.noble.org/ag/services/testing or contact Noble Research Institute Ag Testing Department at 580-224-6479.

Lab Use Only	Field Identification	County where sample was taken	Separate subsoil sample included	Number of acres sampled	Intended crop	Is crop established?	If no, what is your intended plant date?	Applied fertilizer amount and grade applied during past 3 yrs. (material, amt./acre, date)	Bermuda %			Desired yield (lbs., bu., or AUM*)	Grazing?	Hay?	Previous crop	Yield obtained
									0-33%	33-67%	>67%					
Example	Back 40	Carter	<input checked="" type="radio"/> Yes <input type="radio"/> No	40	Bermuda	<input checked="" type="radio"/> Yes <input type="radio"/> No		100 lbs./18-46-00 08/14/19	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2 Tons	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	Wheat	35 bu.		
			<input type="radio"/> Yes <input type="radio"/> No			<input type="radio"/> Yes <input type="radio"/> No			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No				
			<input type="radio"/> Yes <input type="radio"/> No			<input type="radio"/> Yes <input type="radio"/> No			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No				
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Soil Tests Available

Test A: (Basic)	Test B: (Routine)	Test C: (Complete)	Test D: (Texture by Hydrometer)	Haney	PLFA	Other testing
Buffer index Calcium Calculated CEC Magnesium Nitrate nitrogen Organic matter pH Phosphorus Potassium Sodium Soluble salts Sulfur	Copper Zinc Iron Manganese (includes Test A)	Boron Sulphur (includes Test B)	Soil Texture Analysis % Sand % Silt % Clay	Measures total nitrogen (N) ammonium N and nitrate N extracted elemental phosphorus (P) orthophosphate P	Soil biological testing conducted by analyzing phospholipid fatty acids or PLFA. PLFA gives a representation of living soil microbial biomass identifying the presence or absence of various functional groups of interest through known PLFA biomarkers. Soils should be received in fresh natural state of sampling from field.	

