REQUIRED:
ORIGIN OF SOIL
State:
County:
Contact us BEFORE sending samples from out-of-state.

Soil Health Laboratory

Soil Sample Submission Form

Oregon State University - Crop and Soil Science Department
Mailing: 3017 Agricultural Life Science Bldg; Corvallis, OR 97331-7306
541-737-2187 | soil.lab@oregonstate.edu | cropandsoil.oregonstate.edu/shl

Contact Name:
Organization:

Please circle: Researcher Student Grower

Billing Address:
City, State, Zip:
Phone:
Email:

Number of samples:
Priority: RUSH Standard Low

If RUSH, indicate accepted rush pricing: ☐

Labor: standard customer
If customer labor, met with manager?
Date Submitted:
Date results needed:

	Analysis package
	Western/Eastern OR basic (pH, lime req, NH4-N, NO3-N,PO4-P, K, Mg, Ca, CN, Organic matter
	Western/Eastern OR Advanced (Basic + Mn, Cu, Zn, Fe, B)
	COMPLETE Soil Health Assessment (pH, EC, Organic matter, CN, NO3-N, P, K, Mg, Ca, texture, potentially mineralizable N, active carbon, wet aggregate stability, respiration)
	BASIC Soil Health Assessment (pH, texture, CN, organic matter, wet aggregate stability, respiration)
	Soil Microbial Assessment (microbial biomass, microbial respiration, active carbon, B-glucosidase)
	Soil Physical Assessment (Texture, wet aggregate stability, available water holding capacity, moisture)
	Heavy Metal Analysis (Total As, Cd, Cr, Cu, Ni, Pb, Zn)

	Physical assessments
	Available water holding capacity (pressure plate)
	Moisture release curve (wet end, Hyprop)
	Texture (hydrometer)
	Texture (sieve and pipette)
	Water stable aggregates

	Biological Analyses
	Active Carbon (POxC)
	B-glucosidase
	Microbial biomass
	Microbial respiration (24 and 96 hours)
	Potentially mineralizable nitrogen (28 day aerobic)
	Potentially mineralizable nitrogen (7 day anaerobic)

	Chemical and nutrient analyses
	pH
	EC
	pH + EC
	Lime requirement - buffer pH
	KCl extractable **NO3-N**
	KCl extractable **NH4-N**
	KCl extractable **NO3-N and NH4-N**
	Olsen extractable **PO4-P**
	Bray extractable **PO4-P**
	CaPO4 extractable **SO4-S**
	Total CN with organic matter estimate
	Organic matter estimate (LOI)
	K2SO4 extractable **Cl-**
	Hot water extractable **B**
	Cu, Fe, Mn, Zn, B with DTPA-sorbitol extraction
	Ca, Mg, K, Na with ammonium acetate extraction
	P, K, Ca, Mg, Cu, Zn, Fe, Mn with Mehlich 3 extraction
	As, Cd, Cr, Cu, Ni, Pb, Zn with microwave digestion

	Other:
	Other:
	Other:

	Additional charges
	Quarantine - contact lab for information
	Method development
	Sample Preparation (Grind/Sieve)